The 50 MHz DX Bulletin

The activity reports filled up seven pages, and we're trying to keep this issue under 1 oz. (with envelope), and so everything else appears on this page.

DX Operations

KH0, SAIPAN: Kazu/JA3ART and Hide/JM1LJS will be active October 16-19th, as KH0/N3JJ and KH0/JM1LJS. Activity will be on all HF bands and including 6 meters.

A3, TONGA: Klaus, DJ4SO/A35SO, and Manfred, DJ7RJ/(will receive his call upon arrival), will be active from Tonga October 1-19th. They intend to operate with a FT-847 and a IC-775DSP, no power amplifiers and vertical antennas (HB9CV on 6m) on 160-6 meters. QSL via the bureau to their homecalls.

A3 AND 5W, TONGA AND WESTERN SAMOA: Gerard, PA3AXU, reports that he will depart on October 19th, from Amsterdam Airport for Tonga. He will arrive on October 21st, and his callsign will be A35XU (his license to be picked up upon arrival). He will stay in A3 until October 28th, where he will then transfer to Western Samoa. His callsign will be 5W0GD and plans to stay until November 8th, at which time he will depart from 5W for PA-land. He will use a TS-450SAT, DX-70 (for 6 meter monitoring), GPA-30 and wire dipoles. Operations will be on RTTY/CW/SSB with activity on the "normal DX-frequencies", including the WARC bands, and a trial and error on the low bands (he has no AMP). Gerard is looking for input on whether to put an emphasis on particular bands/modes.

E3, Eritrea: "I have been working on a DX-pedition for the last 5 months to Eritrea (E3) for the Space A DX Group. Eritrea is number 5 on the ARRL DXCC needed list.In case you do not know, Eritrea has been tied up with a border problem since May 6th with Ethiopia. I was told in April to send a request in writing and they would process it. The border problem has since taken priority for them of course. I received a fax from Eritrea last week saying that they would be able to complete action on my request on September 16th. I have requested the callsign E31DX.

This DX pedition will be by the Space A DX pedition Group with a few selected other operators also. We will have 10-12 operators, to operate 3 stations, 24 hours a day. I want to do this as near to the Fall Equinox as possible, and also allow enough time for the border problem to be resolved or remain stable. Since many of the operators have plans for one, or both of the CQWW contest, we will make our tentative plans for the November 3rd until the November 18th 1998. Doing this near the Equinox will give us the best world wide

coverage on all bands from 160-6m.

The list of operators at this time are, WD4NGB Bruce, W4WX Bill, W6RJ Bob, W6KR Rob, JH1AJT Zorro, XE1CI Nellie, K5VT Vince, KO4RR Joe, and N5VL Vance.

Things on the border have been very stable since the first part on June, when the UN and other groups got involved to help with this problem. If the border maintains as is, we should be able to firm up our dates soon.

We will have online logs, with daily updates. We have set up 3 Web Pages to make sure that at least one of them will be up at all times."

QSL Information

ARRL OUTGOING QSL BUREAU: Starting January 1, 1999, the ARRL Outgoing QSL Bureau will increase its fees from $4.00 to $6:00 a pound, (150) cards. The increase is necessary "to absorb the effects of a proposed postal rate increase and to bring the money-losing service a bit closer to a break-even basis" (ARRL Newsletter/Bill Kennamer). The rate for quantities of 10 cards will remain at 1 USD.

Non-USA Amateurs: A new way to send QSL's to amateur stations in the United States! You can cut the QSL time in half by using E-QSL on your end. Get "your" card to a USA contact in less than a week. Check out this DX service to the United States.
http://www.ccnet.com/~friday/eqsl.htm

5W1SA: via JH7OHF tnx JA1VOK
NH2C: via JI3ERV "
V63CP: via JH1BLP "
V63CV: via JP1WDM "
V63KA/V63MC: via JH8BKL "
UR5LX: via DF6NA
V73AT: via K2CL
A35XU, 5W0GD: to PA3AXU, G.A.M.C. Dijkers, Dokter P.A. Cornethof 3, 6669AZ Dodewaard, The Netherlands
VK9LNQ: via JM1KNQ
HP3XUG: CAPT Louis N. Anciaux, USN(RET), PSC 1 Box 57, APO AA 34001-0057 (USA)
W2NTJ/VE8: via W2NTJ
TZ6VV: (6m only) Larry Erwin, PO Box 395, Segon, MALI
UY1HY: Valery, PO Box 3, Lubny-3, Poltavskay obl, 315500, UKRAINE
PY5CC: via JA1VOK, Hatsuo Yoshida, 13-6 Kanasugi 5 chome, Funabashi, Chiba 273-0853, JAPAN
KL7SIX: Phone 1 907 373 5435
KL7FZ: Phone 1 907 376 OHMS
KH0/N3JJ: Kazuo Ebihara, P.O. Box 62, Sakyo Kyoto 606-8691, JAPAN or via bureau to JA3ART.
KH0/JM1LJS: Hideyuki Kai, 915, Takata, Kohoku Yokohama 223-0063 JAPAN or via bureau to JM1LJS.
6W1QV: via qsl mgnr F6FNU, Antoine Baldeck, BP 14, F-91291, Arpajon Cedex, FRANCE. Direct Chrstian St. Arroman 118, Route de Ouakam-Fenetre Mermoz, BP 3263 Dakar, SENEGAL #
Z21KA: Adrian M G Sraines, 9 Curlew Close, Burnside, Bulawayo, ZIMBABWE #

August-Sept 98 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's column *V,UHF DX Topics* in **MOBIL HAM**, GJ4ICD's Internet 6m News (marked with #), G4UPS, EH8BPX, VE7SKA, K6QXY, LW5EJU, HP3XUG, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1998. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned (or both CW & SSB), H=heard only.

Reports of Africa

ASCENSION IS.
09142049	ZD8VHF		50.032 B	EA7KW
09152059	ZD8VHF		50.032 B	EA7KW
09172216	ZD8VHF		50.032 B	EA7KW
09212142	ZD8VHF		50.032 B	EA7KW
09232241	ZD8VHF		50.032 B	EA7KW

CANARY IS.
08151637	EH8BYR	IL38		SM7FJE
08221012	EH8BPX		>IO90/91 W	G
08231853+	EH8BPX 55		>IO80JV H	G4UPS
09082201	EH8LB	VY STRONG!	50.109	PP1CE
09092128	EH8BPX 59		50.110	PP1CE
09102201	EH8LB		50.115	PP1CE
09102256	EH8BPX 59+		50.110	PP1CE
09142216	EH8BPX 58		50.110	PP1CE
09151100+	EH8	> GG66		W PY2NI
09152148	EH8BPX 58		50.110	PP1CE
09152149	EH8LB 59		50.115	PP1CE
09152207	EH8BPX		50.120	PP5JD
09162208	EH8BPX		50.111	PP5JD
09172200	EH8BYR		50.115	PY5CC
09212349	EH8BYR		50.115	ZP5SBE
09212351	EH8BYR	TERRY IL38FW	50.115	PP5JD

CAPE VERDE IS.
09191744	D44/CT1EKF	HK86MF	50.110	EA9BR
09191844	D44/CT1EKF 59+	HK86	50.110	EA7KW
09241829	D44BC		50.110	CT4KQ

CENTRAL AFRICAN REPUBLIC
08091714	TL5A			H SM7AED
08091715	TL5A	JJ94		SM7FJE
09151640	TL5A		50.110	IK0FTA

CEUTA & MELILLA
08151122	EH9AI	IM75		SM7FJE
08151140	EH9AI	IM75 > JO65		SM7FJE
08232036	EH9AI 59		>IO80JV H	G4UPS
08301944	EH9IB 57		>IO80JV H	G4UPS

EGYPT
09041308	SU1ER		50.115	IK8DYD

EQUATORIAL GUINEA
08071735	3C5I	> JO65		H SM7AED
08071735	3C5I	JJ43		SM7FJE
08091714	3C5I			H SM7AED
08091714	3C5I	JJ43		SM7FJE
08111122	3C5I	> JO66		B SM7AED
09021731	3C5I	ONLY CW	50.105	IK2IQD
09021734	3C5I	JJ43 529 JN45	50.105	IK2QDX

GABON
09151551	TR8CA	JJ40	50.110	9H1EL
09181522	TR8CA		50.115	IW9CER
09181537	TR0A	S1	50.048 B	IW9CER
09181559	TR8CA 55 ALAIN		50.110	9A3FT
09181601	TR0A		50.048	9A3FT
09181606	TR8CA	JJ40>JM78 59	50.110	IK8XFR
09181609	TR8A	57	50.048 B	IK8XFR
09181616	TR8CA	WITH TU2JL	50.150	IZ4BEJ
09212033	TR0A	559 QSB	50.048	EA7KW

GHANA
09021833	9G1BJ	59 IJ99	50.120 S	EH1TA
09141849	9G1BJ	59+	50.120	EA7KW
09141859	9G1BJ	59 IJ99>IN53	50.120	EH1TA
09141914	9G1GJ	1900 TU	50.110	HB9SJV
09211959	9G1BJ	59 QSL>G4XTA	50.130	IW9CER
09212024	9G1BJ	IJ99SF WKG 9H	50.160	IW9CER
09241548	9G1BJ	59+	50.110	EA7KW
09241550	9G1BJ	59+	50.105	EA7KW
09241551	9G1BJ	IJ99 JOHN	50.105	9A3FT
09241601	9G1BJ	59 IJ99	50.105	EH1TA
09241611	9G1BJ	59/59 >KM17VX	50.105 S	SV1OE
09241626	9G1BJ	55 QSB>JM76	50.105	IT9CHU
09241712	9G1BJ	59 IJ99	50.105	IK0OKY
09241716	9G1BJ	IJ99	50.105	IK2DUV
09241729	9G1BJ	IJ99 >IN98.	50.105	EH5VQ
09241735	9G1BJ		50.105	HB9AOF

IVORY COAST
09021132	TU2DZ	59+	50.135	IK8DYD

MADAGASCAR
09011700	5R8EE	LH31	50.110	IW9CER
09021644	5R8EE	MIKE 57	50.110	9H1EL
09041631	5R8EE	59 UNDER ZS6	50.120	IW9CER
09171715	5R8EE	41 > JN61	50.110	IK0FTA
09181639	5R8EE	CQ SSB 59	50.110	IW9CER
09241650	5R8EE	55 QSB	50.110	SV5BYR

MADEIRA IS.
08041112	CT3HF	IM12		SM7AED
08071853	CT3FT			H SM7AED
08122225	CT3BD	IM12NP > IL18SK		S EH8BPX
08151610	CT3HF	IM12		SM7FJE
09151100+	CT3	> GG66		W PY2NI

MALAWI
08101902	7Q7RM	KH74 > JO66		W SM7AED
08101905	7Q7RM	KH74		SM7FJE
08121800	7Q7RM	KH74 > JO66		SM7AED
08161902	7Q7RM	KH74		SM7FJE
08212100	7Q7RM		>IO91	G3HBR
08212147	7Q7RM	339 QSB	>IO80JV H	G4UPS
08230643	7Q7RM	KH74		SM7FJE
08241811	7Q7RM	579/569 KH74 RON>IO80	C	G4UPS
08281902	7Q7SIX	KH74		B SM7FJE
09011637	7Q7SIX	599>JM78	50.003 B	IW9CER
09011638	7Q7RM	59 58B>JM78	50.106	IW9CER
09021736	7Q7SIX	579>JM76	50.003 B	IT9RER
09021746	7Q7RM	CQ CQ CW	50.109	IT9RER
09031802	7Q7RM	57>IO81	51.106	GW8OQV
09031834	7Q7RM	CQ>CW	50.110	PA3DWD
09041650	7Q7RM	59>JM78	50.110	IW9CER
09061830	7Q7SIX	599>JM78	50.003 B	IW9CER
09061831	7Q7RM	559>JO80	50.110	SP6GWB
09071813	7Q7RM	CQ CW	50.110	IK0FTA
09071858	7Q7RM	CQ CW	50.107	IW9CER
09072109	7Q7SIX	519>JO23	50.003 B	PE1MCD
09081804	7Q7RM	STRONG	50.107	IK2WAN
09061838	7Q7RM	KH74>JN58 559	50.107	DL4MDQ
09101751	7Q7RM	579>JM86FJ	50.110	9A3JI
09101756	7Q7RM	KH74>JN58; 55	50.110	DL4MDQ
09101836	7Q7RM	54>KM46CG	50.107	SV5BYR
09141831	7Q7RM	WKG GS	50.110	EA7KW
09141836	7Q7RM		50.107	ON4ANT
09141844	7Q7SIX	419>IO93	50.002 B	G6YIN
09141852	7Q7SIX	WEAK..	50.103	ON9BGP
09141858	7Q7RM	CALLING G1YLE	50.107	9H5IO
09151833	7Q7RM	CQ CW	50.110	IK0FTA
09161658	7Q7SIX	559>IM67	50.003 B	EA7KW
09161659	7Q7RM	55	50.110	EA7KW
09171653	7Q7RM		50.106	I46JS
09171708	7Q7SIX		50.003 B	EA7KW
09171848	7Q7RM	JN52>KH74MF	50.110	IZ5EME
09181645	7Q7RM		50.110	IK0FTA
09181816	7Q7SIX	599>JM76MV	50.003 B	IT9RER
09191736	7Q7SIX	>JM78	50.003 B	IW9CER
09211637	7Q7SIX 59		50.003 B	EA7KW
09211833	7Q7RM	CQ ...	50.110	EA7KW
09211858	7Q7RM	599 CQ	50.099	EA7KW
09221659	7Q7RM		50.110	EA7KW
09241738	7Q7RM	RON MALAWI 59	50.106	SV5BYR
09241821	7Q7SIX		50.003 B	EA7KW
09241944	7Q7RM	JN72	50.110	IK6BOB
09241953	7Q7RM	CLG TZ	50.110	EA7KW
09242018	7Q7RM	CQ 59+>RHODES	50.110	SV5BYR

MALI
08172000	TZ6VV	WEAK WKG G	>IO80JV	H G4UPS
09011709	TZ6VV	CQ EUROPE	50.128	IT9IPQ
09011730	TZ6VV	STRONG	50.127	IT9RER
09011807	TZ6VV	VY LOUD>JN61	50.120	ISOQDV
09011858	TZ6VV	CQ EU !	50.120	IK0SME
09021131	TZ6VV	LARRY 59	50.130	IK8DYD
09021533	TZ6VV	CQ CQ	50.130	9H1EL
09021559	TZ6VV	IK63	50.110	IT9RER
09021602	TZ6VV	55>JN44IV	50.110	IW8PZL
09021645	TZ6VV	59>JN11	50.200	IW1AVF
09021652	TZ6VV		50.110	ZH3CQQ
09021733	TZ6VV	CQ	50.110	IT9RER
09021739	TZ6VV	59 IK63>IN53	50.130	IK2IQD

GABON / MALI (right column continuation — TZ6VV)
09021751	TZ6VV	IK63UK>JN45UR	50.130	EH1TA
09021751	TZ6VV	JK63>JN48 57	50.131	IK2QDX
09031937	TZ6VV	57 IK63>JO41	50.130	DL2GBT
09031952	TZ6VV	CQ ENGLAND!	50.110	DK2PH
09041159	TZ6VV	59 IK63 CQ ZS	50.120	IK8DYD
09041629	TZ6VV	IK63 WKG EU	50.120	IW9CER
09041753	TZ6VV		50.127	IW9CER
09041849	TZ6VV	>JN61	50.110	HB9SJV
09041856	TZ6VV	59	50.109	IK0SME
09171729	TZ6VV	IK63 57	50.110	IK0FTA
09171837	TZ6VV	559>SAO PAUL	50.120	IW4DCW
09172208	TZ6VV	59+20>IM67	50.110	PY2XB
09191852	TZ6VV	59	50.115	EA7KW
09231526	TZ6VV		50.110	IT9KSS
09231725	TZ6VV	IK63	50.120	IW0GIV
09231735	TZ6VV	LOUD>J61	50.120	9A3FT
09231803	TZ6VV	WKG PA3HEN/MM	50.119	IK0SME
09232102	TZ6VV		50.110	IW9CER
09241526	TZ6VV	LARRY IK63	50.119	IK6BOB
09241539	TZ6VV	59>JN53	50.120	9A3FT
09241619	TZ6VV		50.119	IK5YJY
09241647	TZ6VV		50.119	IK3OCD
09241736	TZ6VV		50.118	HB9AOF
09241830	TZ6VV		50.123	CT4KQ

MOROCCO
08151155	CN8LI	IM64 > JO65		B SM7AED
08151859	CN8LI	IM64		B SM7FJE
08161100	CN8LI	IM64 > JO65		B SM7AED
08200748	CN8LI	559	>IO80JV	H G4UPS
08200750	CN8KD	55 <0755	>IO80JV	H G4UPS
08201412	CN8KD	IM64PB -1412 FAI 144		EA3ADW
08212147+	CN8LI	569	>IO80JV	B G4UPS
08212147+	CN8NK	33	>IO80JV	H G4UPS
08231910	CN8LI	569	>IO80JV	B G4UPS
08231939	CN8NK 44, CN8KD 55		>IO80JV	H G4UPS
08232028	CN8NK	57/51 IM64PB	>IO80JV	S G4UPS
08232043	CN8NK	57/56 IM64PB	>IO80JV	S G4UPS
08302037	CN8LI	569	>IO80JV	H G4UPS
08311750	CN8LI	579 -1810	>IO80JV	H G4UPS
09020917	CN8LI	559>JN48	50.027 B	DK7SP
09211945	CN8LI	WITH V51KC	50.110	EA7KW
09241945	CN8LI	WKD BY ZS	50.110	9A3FT

NAMIBIA
08071725	V51VHF	JG87		SM7FJE
08071727	V51VHF	JG87 > JO65		B SM7AED
08101616	V51VHF	JG87		B SM7FJE
09011525	V51VHF	59+>JN64	50.018 B	I4CIL
09011528	V51VHF	599>JM78	50.018 B	IW9CER
09011542	V51VHF	JG87>JN58SP 429	.018 B	DL4MDQ
09011548	V51VHF	59>JN87	50.018 B	OE4WHG
09011707	V51VHF	549>JM65VO	50.018 B	IV3LMQ
09011724	V51VHF	JG87 RST519	50.018 B	I2ADH
09011725	V51VHF	529 JG87 >JN45	.018 B	IK2GSO
09011731	V51VHF	599>JM76MV	50.018 B	IT9RER
09021515	V51VHF	JG87 BEACON	50.018 B	9H1CG
09021518	V51VHF	539>JN62	50.018 B	IK0BAL
09031827	V51VHF	JG87>JO22OG 529	.018 B	PA0JMH
09071700	V51VHF	559 QSB	50.018 B	IW0GIV
09071857	V51KC	CQ SSB	50.110	IW9CER
09072006	V51VHF	539>JO23	50.018 B	PA3DWD
09142050	V51VHF	WEAK	50.018 B	EA7KW
09151747	V51KC	59>JN61	50.110	IK0FTA
09151803	V51KC	W/IS0 & 9H1	50.115 H	IZ5EME
09161751	V51KC	59 SSB	50.115	IW9CER
09191721	V51KC	57	50.120	IK0FTA
09191736	V51VHF	>JM78	50.018 B	IW9CER
09211552	V51VHF	ALSO ZS6/B	50.018 B	EA7KW
09211639	V51KC		50.125	IK2IQD
09211705	V51KC	59>JM78	50.125	IW9CER
09211810	V51KC	57 W/ CT3HF	50.110	EA7KW
09221734	V51KC	>JN61	50.115 H	IW0DEI
09241529	V51KC	JACK>JG88LA	50.110	CT1DNF
09241530	V51E	KOSIE>JG88LA	50.110	CT1DNF
09241552	V51KC	CQ	50.110	EA7KW
09241843	V51KC		50.110	CT1DYX
09241945	V51KC		50.115	IK0BAL
09242008	V51KC	59>JN71	50.112	IK8DYD

REUNION IS.
09011700	FR5DN	PHIL - 54	50.110	9H1EL
09011256	FR5DN	LG78QS>JM78QF	50.110	IW9CER
09151601	FR5DN	CW	50.110	9H1EL

SENEGAL
09141849	6W1QV		50.110	DJ4SB
09141853	6W1QV		50.110	EA7CJY
09141856	6W1QV	IK14 59>JO50	50.110	DL3AT
09141907	6W1QV	56>JO62	50.110	DJ4SB
09141912	6W1QV	>JN36	50.110	HB9SJV
09141912	6W1QV	IK14 57>JO60	50.110	OK1DDO
09141923	6W1QV	SSB ON DIPOLE	50.110	GJ4ICD
09141942	6W1QV	WEAK	50.110	PA0HIP
09141950	6W1QV	59 IK14	50.110	EH1TA
09191822	6W1QV	59+40 IK84	50.120	EH1TA
09232215	6W1QV	59+	50.120	EA7KW
09232244	6W1QV		50.120	EA7CJY
09232248	6W1QV		50.120	PP1CE

SOUTH AFRICA
09011553	ZS6JON	JM78 KG33	50.120	IW9CER
09011554	ZS6DN	579>JM78	50.050 B	IW9CER
09011555	ZS6TWB	599>JM78	50.043 B	IW9CER
09011556	ZS6	ZS6 CLG CW	50.100	IW9CER
09011655	ZS6PJS	KG46RC 59+++	50.115	IT9IPQ
09011732	ZS6TWB	599>JM76MV	50.044 B	IT9RER
09021505	ZS6PJS		50.110	ISOQDV
09021513	ZS6TWB	KG46RD	50.044 B	9H1CG
09041602	ZS6BTE	KG33>JM78	50.116	IW9CER
09041602	ZS6PJS	JM78 KG46	50.116	IW9CER
09041603	ZS6Y	59>JM78	50.116	IW9CER
09041604	ZS6DN	579>JM78	50.050 B	IW9CER
09041605	ZS6TWB	599>JM78	50.043 B	IW9CER

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09041635 ZS6EZ   JM78 KG44 59    50.115      IW9CER
09041645 ZS6XJ   JM78 KG33XV     50.120      IW9CER
09041649 ZS6WB   >JM78 HAL 59    50.148      IW9CER
09041732 ZS6AXT  KG33>JM78       50.115      IW9CER
09041824 ZS6EZ   KG44>JN61 NATAL 50.106      IK0SME
09061829 ZS6TWB  599>JM78        50.044 B    IW9CER
09061844 ZS6TWB  KG46RD>JO220G   50.044 B    PA0JMH
09071856 ZS6TWB  555 JN61>KG46   50.044 B    IW0GDC
09111450 ZS6WB   59 JM78 KG44    50.110      IW9CER
09111452 ZS6TWB  599>JM78        50.044 B    IW9CER
09111455 ZS6DN   579>JM78        50.050 B    IW9CER
09151656 ZS6TWB  BCN 559>JN61    50.043      IK0FTA
09151709 ZS6TWB  559>JN52        50.043 B    IZ5EME
09151712 ZS6DN   419>JN52        50.050 B    IZ5EME
09151758 ZS6DN   579             50.044 B    EA7KW
09161717 ZS6TWB  599>JN64        50.044 B    I4CIL
09161727 ZS6PJS                  50.090      I4SJX
09171810 ZS6BTE  CW WEAK>JN53    50.100      I5MXX
09171833 ZS6DN   579 >JN72       50.050 B    IK6TIJ
09171842 ZS6TWB  KG46 569 >JN72  50.044 B    IK6TIJ
09181703 ZS6TWB  S5>JN61         50.044 B    IOJX
09191659 ZS6DN                   50.050 B    9A3FT
09191705 ZS6DN   559>JN72        50.050 B    IK6TIJ
09191728 ZS6AXT  CW              50.100      I5MXX
09191729 ZS6OTL  JM78 KG54       50.110      IW9CER
09191730 ZS6STN  KG34RD CQ       50.135      IW9CER
09191730 ZS6Y    KG33            50.130      IW9CER
09191733 ZS6TWB                  50.043 B    IW9CER
09191736 ZS1SES                  50.070 B    IW9CER
09211542 ZS6TWB  559>JM78        50.050 B    IW9CER
09211548 ZS6TWB  599             50.044 B    IW0GIV
09211559 ZS6WB   KG44CE          50.117      IW5DNE
09211600 ZS6DN   59              50.044 B    EA7KW
09211612 ZS6DN   WEAK            50.050 B    EA7KW
09211614 ZS6NB   55              50.110      SV5BYR
09211618 ZS6DN   KG46>JN35 559   50.044 B    IK1EGC
09211618 ZS6Y    KG33WU>JN52     50.133      IZ5EME
09211621 ZS6AXT  Z22JE OVER HIM  50.107      EA7KW
09211626 ZS6XL   JN52>KG43AV     50.115      IZ5EME
09211632 ZS6BTE                  50.101      IK2QEI
09211639 ZS6ZL   KG33VE>JN52     50.134      IZ5EME
09211640 ZS6JON                  50.130      IK2IQD
09211649 ZS6TWB  VY WEAK KM18    50.044 B    SV1COD
09211856 ZS6BTE  569             50.110      EA7KW
09211930 ZS6AXT                  50.106      EA7KW
09212019 ZS6TWB  SINCE 1925      50.044 B    SP6ASD
09221713 ZS6AXT                  50.113      I8LPR
09241702 ZS6EZ                   50.125      EA7CJY
09241719 ZS6BTE  599>KM46CG QSB  50.110      SV5BYR
09241819 ZS6JON  IN51>KG33       50.110      CT1DYX
09241819 ZS6NB   IN51>KG44       50.110      CT1DYX
09241823 ZS6DN                   50.050 B    EA7KW
09241824 ZS6DN   KG44            50.050 B    CT1DYX
09241824 ZS6TWB  KG46            50.044 B    CT1DYX
09241826 ZS6TWB  51 TEP FLUTTER  50.044 B    IK0OKY
09241829 ZS6AXT  CQ CW           50.110      EA7KW
09241832 ZS6JON  CLG CT1DYX      50.110      EA7KW
09241843 ZS6NB                   50.110      EA7KW
09241844 ZS6AXT  579 CQ          50.108      EA7KW
09241849 ZS6DN   TEP LIKE AU     50.050 B    IK0OKY
09241850 ZS6AYV?VOICE FLUTTER    50.065 B    EA7KW
09241853 ZS6EZ   CLG OD5PN       50.115      EA7KW
09241945 ZS6WB                   50.110      IK0BAL
09242005 ZS6EZ                   50.107      I5UXJ
09242017 ZS6TWB  419>IO91        50.044 B    G3NVO
```

SUDAN

```
09041607 ST2SA IS GENUINE ?      50.110      IK8DYD
09041627 ST2SA  JM78 KK65 59     50.110      IW9CER
```

ZIMBABWE

```
09011714 Z21KIR KH52             50.110      IT9IPQ
09011731 Z22JE  JM78>KH52 DUDLEY .106        IW9CER
09021732 Z22JE                   50.106      IT9RZR
09041606 Z21SIX 579>JM78         50.052 B    IW9CER
09041728 Z22JE  58 KH52>JM78     50.115      IW9CER
09061831 Z21SIX 579>JM78         50.052 B    IW9CER
09111454 Z21SIX 599>JM78         50.052 B    IW9CER
09191728 Z21FO  KH52>JM78 59     50.115      IW9CER
09191736 Z21SIX >JM78            50.052 B    IW9CER
09211543 Z21SIX 539>JM78         50.052 B    IW9CER
09211613 Z22JE  CW               50.107      EA7KW
09211630 Z22JE  55               50.107      EA7KW
09221653 Z22JE                   50.107      IW0CMB
09241651 Z21FO                   50.115      IK5YJY
```

Reports of Asia(MidEast)

CYPRUS

```
08180811 5B4CY  449             >IO80JV  B   G4UPS
08190717 5B4CY  579 <0738       >IO80JV  B   G4UPS
09251919 5B4CY  559 >JN72        50.499 B    IK6TIJ
```

ISRAEL

```
08121958 4X5JA          KM72 > JO66         SM7AED
08151039 4X5JA   KM72                       SM7FJE
08210828 4X6ON          KM72 > JO65         SM7AED
09210949 4X4RA   WEAK > JN45     50.112      IK2QDX
```

KAZAKHSTAN

```
09120913 UN3G  CQ               50.110      PB0ALN
```

LEBANON

```
08180811 OD5SIX 559             >IO80JV  B   G4UPS
08190717 OD5RAL 59/57 KM74WK>IO80JV  S       G4UPS
08190717+OD5SIX 579 <0738  >IO80JV  B        G4UPS
09251911 OD5PN  JIM >JN72        50.110      IK6TIJ
```

OMAN

```
08310914 A45ZN          > PL36   50.110 C    7J6CCU
08310924 A45ZN          > PL36   50.110 C    JR6GV
```

```
08310930 A45ZN          > PL36   50.110 C    JR6HI
08311108 A45ZN          > PL36   50.110 C    JR6VSP
08311110 A45ZN          > PL36   50.110 S    JR6VSP
09071214 A45ZN          > PL36   50.110 C    JR6VSP
09071215 A45ZN          > PL36   50.110 C    7J6CCU
09221101 A45ZN          > PL36   50.110 C    JR6VSP
09221106 A45ZN          > PL36   50.110 C    JR6GV
```

Reports of Asia(FarEast)

ASIA, GENERAL

```
08200200 ASIAN VIDEO            49.750 V    K6QXY
```

CHINA

```
09200802 BD7JG          > QM05   50.150 S    JA1VOK
09200803 BD7JG          > PM85   50.150 H    JE2DWZ
09200826 BD7JG          > PM75   50.150 S    JA3JTG
09200920 BG7NI          > PM96   50.265 S    JH0MHE
09200937 BG7OH          > QM05   50.140 H    JA1VOK
```

HONG KONG

```
09021013 VR98LC                  50.105      V73AT
09031101 VR98LC                  50.110      V73AT
09031301 VR98LC KEN              50.110      KH2D
09040939 VR2SIX                  50.075 B    V73AT
09051006 VR98LC                  50.110      V73AT
09091101 VR98LC         > QM05   50.110 H    JA1VOK
09091108 VR2SLP         > QM05   50.110 H    JA1VOK
09091109 VR2BA          > QM05   50.110 H    JA1VOK
09101008 VR2SIX                  50.075 B    V73AT
09180938 VR2SIX                  50.075 B    V73AT
09200742 VR2SIX         > QM05   50.075 S    JA1VOK
09200744 VR2SLP         > QM05   50.110 H    JA1VOK
09200748 VR2XMT         > QM05   50.140 S    JA1VOK
09200750 VR2PM          > QM05   50.120 H    JA1VOK
09200750 VR98BG         > QM05   50.100 H    JA1VOK
09200755 VR2XHW         > QM05   50.160 S    JA1VOK
09200758 VR2ZGD         > QM05   50.130 H    JA1VOK
09200800 VR2ZGD         > PM85   50.130 H    JE2DWZ
09200813 VR98LC         > PM85   50.101 H    JE2DWZ
09200814 VR2BA          > QM05   50.130 H    JA1VOK
09200816 VR2XHW         > PM95   50.160 S    JE1TGH
09200820 VR2ZGK         > QM05   50.230 S    JA1VOK
09200830 VR98BG         > PM75   50.100 C    JA3JTG
09200831 VR2XHY         > QM05   50.115 S    JA1VOK
09200839 VR2XRW         > QM05   50.170 S    JA1VOK
09200903 VR2BA          > PM85   50.130 S    JE2DWZ
09200909 VR2ZLP         > PM85   50.110 S    JE2DWZ
09200915 VR98LC         > PM85   50.100 H    JA1VOK
09200927 VR2ZGK         > PM85   50.230 S    JE2DWZ
09200931 VR2CY          > QM05   50.185 H    JA1VOK
09200933 VR2MQ          > QM05   50.200 S    JA1VOK
09210840 VR2SIX         > PM53   50.075 B    JA6TEW
09210842 VR2ZGK         > PM53   50.190 S    JA6TEW
09210847 VR2ZLP         > PM53   50.110 S    JA6TEW
09210849 VR98LC         > PM53   50.120 S    JA6TEW
09210855 VR98LC         > PM53   51.020 F    JA6TEW
09210903 VR98LC 59+             50.120      JA5XAE
09210911 VR2ZLP 59++            50.110      JR2BUM
09251039 VR2SIX                  50.075 B    V73AT
09252231 VR2SIX                  B           JA1VOK
09252231 VR2XMT 59/59            50.110 S    JA1VOK
```

JAPAN

```
09030708 JA2IB                   50.106      V73AT
09040914 JR6GV                   50.110      V73AT
09040914 JR6GV                   50.110      V73AT
09091012 7J6CCU PL36>RJ38 579    50.110      V73AT
09101008 JR6GV                   50.110      V73AT
09230544 JA2IGY                  50.010 B    V73AT
09251039 7J6CCU                  50.110      V73AT
```

KOREA,S.

```
09230803 HL1LTC         > PM75   50.110 H    JL4GTO
09230808 HL1LTC (Sc)    > QM05   50.110 H    JA1VOK
09240750 HL1LTC (Sc)    > PM74   50.110 H    JA3EGE
```

MALAYSIA, WEST

```
09061305 9M2NK          > PL36   50.107 C    JR6VSP
09061310 9M2NK          > PL36   50.107 C    JR6VSP
09061345 9M2KT          > PL36   50.110 S    JR6VSP
09061450 9M2NK          > PM53   50.107 C    JA6QGG
09071341 9M2NK          > PL36   50.107 C    JR6VSP
09101346 9M2NK          > PL36   50.107 C    JR6VSP
09111509 9M2NK          > PL36   50.107 C    JS6CDB
09120859 9M2TO          > PM74   50.118 C    JA3EGE
09120914 9M2TO   SSB            50.118      JG2MLI
09141445 9M2NK          > PL36   50.107 C    JR6VSP
09151332 9M2NK          > PL36   50.107 C    7J6CCU
09151504 9M2NK          > PM53   50.107 C    JA6QGG
09190745 9M2 ch2        > QM05   53.75 F    JA1VOK
09200640 9M2NK          > PM75   50.107 C    JL4GTO
09200643 9M2NK          > PM96   50.107 C    JH0MHE
09200705 9M2NK          > QM05   50.107 H    JA1VOK
09200727 9M2NK          > PM75   50.107 C    JA3JTG
09221359 9M2NK          > PL36   50.107 C    JR6VSP
09231230 9M2NK          > PL36   50.107 C    JR6VSP
```

Reports of Europe

EUROPE GENERAL

```
08091832 EUR TV 59 SLOW QSB     48.250 V    LW5DX
09232123 PA3HEN/MM ILO7 CQ      50.110      PY5CC
09222101 PA3HEN/MM IM22 CQ      50.110      PY5CC
09212105 PA3HEN/MM IM46 CQ      50.110      PY5CC
```

ALAND IS.

```
08151208 OH0/SM5TXT     > JO65              SM7AED
```

AUSTRIA

```
08091124 OE8PPK JN76FU > IL18SK      S EH8BPX
08091137 OE6FGG JN77RC > IL18SK      S EH8BPX
08091138 OE5OLL JN68SI > IL18SK      S EH8BPX
08091140 OE3BMS JN88JA > IL18SK      S EH8BPX
08091200 OE2VEL,OE2LCM JN67MU > IL18 S EH8BPX
08091840 OE6LOG 59             50.112 S LW5DX
08091844 OE6LOG        59      50.110   LW5EJU
08091902 OE9DMV  55 JN45       50.115   LW5EJU
08091905 OE9EMI  55 JN47VL     50.115   LW5EJU
08182151+OE3MWS 59,OE2UKL 599 >IO80 H G4UPS
08271538 OE5OLL  JN68  AUR            SM7FJE
08271552 OE5OLL  AUR JN68 > JO65    W SM7AED
```

AZORES

```
08151727 CU3AC  HM68                 SM7FJE
08161705 CU3URA HM68               B  SM7FJE
09011228 CU3URA 319>IO65     50.013 B GI0OTC
```

BALEARIC IS.

```
09021115 EH6SA  JM19>IO91 59  50.125   G3SKR
09031729 EH6CQQ 55JN11>JO21JO 50.135   PE1MES
```

BELARUS

```
08061729 EW5M   KO32 > JO65         H SM7AED
08061933 EW5M   KO32                 SM7FJE
08071828 EV6M   KO55                 SM7FJE
```

BELGIUM

```
08151652 ON4PS  55 JO20      50.110   LW5EJU
08151711 ON1LGS 55 JO10      50.115   LW5EJU
08212001 ON7EI  JO10PQ > IL18SK    S EH8BPX
08231840 ON1BTH JO20JX > IL18SK    S EH8BPX
08231844 ON8MC  JO21JE > IL18SK    S EH8BPX
08231900 ON4GG  JO20AR > IL18SK    S EH8BPX
08271414 ON4GG  JO20  AUR            SM7FJE
08271602 ON4ANT 57A/57A JO22BU JOHAN C G4UPS
```

BULGARIA

```
08040727 LZ1JZ  KN22                 SM7AED
08050710 LZ1IA  KN12               H SM7AED
08101926 LZ1AG        KN22 > JO66    SM7AED
08122001 LZ1AG        KN22 > JO66    SM7AED
08141056 LZ1AG             > JO65    SM7AED
08161007 LZ2CC  KN23 > JO65          SM7AED
08180644 LZ2CC  KN23 > JO65          SM7AED
08210812 LZ1KBB/P KN21 > JO65        SM7AED
08300819 LZ1MC         > JO65       W SM7AED
09011812 LZ2FO                       DJ4AX
09161058 LZ2FR  KN13IU>JO220G 50.110 PA0JMH
09161105 LZ2FR  JO01>KN13     50.110 G4FUF
```

CAPRI

```
08232021 IC8FAX         -2029 FAI 144  EA3ADW
08300940 IC8/H5KME JN60 > JO65       W SM7AED
08302100 IC8/H5KME 559/559 JN60WR    C G4UPS
```

CRETE

```
08181945 SV9ANK  KM25 > JO65          SM7AED
08181950 SV9ANK  KM25                 SM7FJE
09081908 SV9SIX  EDY  EK70  50.010 B ON9BGP
```

CROATIA

```
07272014 9A3DF         -2100 FAI 144  EA3ADW
07301959 9A4NF  JN73VS -2107 FAI 144  EA3ADW
08041645+9A3FT  JN83   < 1815       H SM7AED
08071742 9A3FT                      H SM7AED
08071756 9A1CAL JN86FJ > IL18SK     S EH8BPX
08071915 9A4RM  JN95MI -2010 FAI 144  EA3ADW
08072000 9A2HW  JN75WT > IL18SK     S EH8BPX
08091139 9A2HW  JN75WT > IL18SK     S EH8BPX
08091848 9A8A          59 JN86EH 50.110 LW5EJU
08091849 9A1CCY  59 JN85      50.130   LW5EJU
08130950 9A1CCY  M/S    > JO66        SM7AED
08150813 9A2OO   JN83 > JO65          SM7AED
08161930 9A3FT 599      >IO80JV     H G4UPS
08171000 9A3FT 59       >IO80JV     H G4UPS
08180739 9A8A 59        >IO80JV     H G4UPS
08180757 9A2OO 59/59 JN83FM GOGO    S G4UPS
08181227 9A8A 599/599 MARK >IO80JV  C G4UPS
08181906 9A2OO   JN83 > JO65          SM7AED
08182121+9A8A           >IO80JV H    G4UPS
08192053 9A1CAL        -2103 FAI 144  EA3ADW
08211110 9A8A 59        >IO80JV     H G4UPS
08211112 9A3NC 579/579 JN75BC FRED  H G4UPS
08211112+9A2OO 559      >IO80JV     H G4UPS
08211119 9A3FT 599/599 JN83FM RENNY C G4UPS
08211201 9A2YD/P 58/58 JN74JD>IO80JV S G4UPS
08282104 9A1CAL 569/579 JN86JV      C G4UPS
08282108 9A3FT 599/599 JN83FM RENNY C G4UPS
```

CZECH REPUBLIC

```
08091852 OK1IBL  55 JO60      50.115   LW5EJU
08121528 OK2BGW       JN89 > JO66     SM7AED
08182104+OK2PP 579      >IO80JV H     G4UPS
08230733 OK1KT 599/599 JO70WE VRATA  C G4UPS
08231910+OK0EK 569      >IO80JV B     G4UPS
08271342 OK1DDO  AUR JO60 > JO65    W SM7AED
08271515 OK1ACF  AUR JO70 > JO65    W SM7AED
```

DENMARK

```
08151654 OZ1BVW  59           50.110   LW5EJU
08151656 OZ3K    57 JO45      50.120   LW5EJU
08151712 OZ5GF   51 JO54      50.115   LW5EJU
08151730 OZ4VV   58 JO46      50.115   LW5EJU
08170900 OZ4VV   JO46QU > IL18SK    S EH8BPX
08181310 OZ6VHF 559       >IO80JV  B G4UPS
08181327 OZ9NI 59/59 JO65DJ ARNE   S G4UPS
08182146 OZ1PIF 59/58 JO65AN PETER S G4UPS
08182151 OZ2LD 59/59 JO54 CHRIS    S G4UPS
```

```
08190950 OZ2K             > IL18SK  S EH8BPX
08211946 OZ5QF   JO45VB > IL18SK    S EH8BPX
08211950 OZ3K    JO45TL > IL18SK    S EH8BPX
```

ENGLAND
```
08091859 G3IBI    55 IO90     50.115   LW5EJU
08091910 G3VOF    59 JO01     50.110   LW5EJU
08101513 G7UYM       IO80 > JO66      SM7AED
08120643 G6YIN/B     IO93ET  50.084 B SM7AED
08120952 G4MJS/P  IN79 > JO66         SM7AED
08121554 G4MJS/P  IN79                SM7FJE
08130628 G6YIN/B     IO93 > JO66      SM7AED
08130846 G3VMJ   JO01GR > IL18SK   S EH8BPX
08130847 G3VOF   JO01CN > IL18SK   S EH8BPX
08130858 M1AFB   IO92GW > IL18SK   S EH8BPX
08130902 G6IJJ   IO91VH > IL18SK   S EH8BPX
08130910 G7EXO   IO91   > IL18SK   S EH8BPX
08130910 M1BPH   JO01BM > IL18SK   S EH8BPX
08130911 G1DJI   JO01AP > IL18SK   S EH8BPX
08130911 G7WAJ   JO00DX > IL18SK   S EH8BPX
08130912 G7PJJ   IO92GV > IL18SK   S EH8BPX
08130913 G1SDO   JO01OT > IL18SK   S EH8BPX
08130915 G4FUF   JO01GH > IL18SK   S EH8BPX
08130916 G6IQL   IO92AJ > IL18SK   S EH8BPX
08130917 G3ESS   IO91   > IL18SK   S EH8BPX
08130918 G1POK   IO91VI > IL18SK   S EH8BPX
08130918 G3JHM   IO91LC > IL18SK   S EH8BPX
08130919 M1BWR   IO90JO > IL18SK   S EH8BPX
08130920 G0GKC   IO92FM > IL18SK   S EH8BPX
08130920 G3HBR   IO91QQ > IL18SK   S EH8BPX
08130921 M1ABK   IO92QO > IL18SK   S EH8BPX
08130950 G4MJS/P IN79J > IL18SK   S EH8BPX
08131445 G6YIN   IO90   > IL18SK   S EH8BPX
08131446 G8DVR   IO83OJ > IL18SK   S EH8BPX
08131446 G8WPL   IO83WJ > IL18SK   S EH8BPX
08131447 G0EVT   IO93GR > IL18SK   S EH8BPX
08131522 M1CFI   IO92BK > IL18SK   S EH8BPX
08131529 G3CEG   IO81WS > IL18SK   S EH8BPX
08131530 G4OJH   IO81NI > IL18SK   S EH8BPX
08131531 M1ASM   IO70LG > IL18SK   S EH8BPX
08131535 G3JHM   IO91LC > IL18SK   S EH8BPX
08131538 G6TOI   IO80DI > IL18SK   S EH8BPX
08131541 G4VPD   IO92   > IL18SK   S EH8BPX
08131545 G7BCR   IO90HV > IL18SK   S EH8BPX
08131546 MW1CMD  IO71MR > IL18SK   S EH8BPX
08131547 MW0BBU  IO71LR > IL18SK   S EH8BPX
08131558 G1IMS   IO91VQ > IL18SK   S EH8BPX
08131603 G3SNN   IO81UW > IL18SK   S EH8BPX
08131603 G4RGK   IO91ON > IL18SK   S EH8BPX
08131607 G3JHM   IO91LC > IL18SK   S EH8BPX
08131611 G8BCG/P IO70RK > IL18SK   S EH8BPX
08151219 G3RHU   IO81 > JO65         SM7AED
08151242 G0VDE   JO02 > JO65         SM7AED
08151715 G3WET    59 IO90UX   50.115  LW5EJU
08151726 G6IJJ    51 IO91     50.115  LW5EJU
08151750 G4RQI    51 ---       50.115 H LW5EJU
08170738 G4UPS   IO80 > JO65         SM7AED
08170841 M0BKG   IO80EK > IL18SK   S EH8BPX
08170846 G7UYM   IO80FK > IL18SK   S EH8BPX
08170848 G6ORC   IO90EL > IL18SK   S EH8BPX
08170901 G3TJW   IO90DT > IL18SK   S EH8BPX
08171030 G4RQI   IO93   > IL18SK   S EH8BPX
08180738 G4UPS   IO80 > JO65         SM7AED
08181900+G3SKR                    W YO
08210735 G4UPS   IO80 > JO65      W SM7AED
08212002 G0PQF   JO01BU > IL18SK   S EH8BPX
08212004 G4WOO   JO01CO > IL18SK   S EH8BPX
08212004 G8REA   JO01BO > IL18SK   S EH8BPX
08212005 G7BXB   IO91XQ > IL18SK   S EH8BPX
08212006 G3IBI   IO90JT > IL18SK   S EH8BPX
08212007 G3FPQ   IO91NE > IL18SK   S EH8BPX
08212009 G0PIK   JO02EI > IL18SK   S EH8BPX
08221005 G3FPQ   IO91NE > IL18SK   S EH8BPX
08221010 M1CMQ   JO01BL > IL18SK   S EH8BPX
08221014 G7EXO   IO91PG > IL18SK   S EH8BPX
08221015 G0OFE   IO90   > IL18SK   S EH8BPX
08221016 G3IMV   IO910X > IL18SK   S EH8BPX
08221017 G3SKR   IO91PS > IL18SK   S EH8BPX
08221018 M0BUT   IO91CH > IL18SK   S EH8BPX
08221019 G3VXM   IO90LT > IL18SK   S EH8BPX
08221020 G7OYW   IO90DX > IL18SK   S EH8BPX
08221021 G3OIL   IO91CB > IL18SK   S EH8BPX
08231840 G3SFR   IO91PS > IL18SK   S EH8BPX
08231841 G0PQO   JO92UA > IL18SK   S EH8BPX
08231842 M1CMQ   JO01BL > IL18SK   S EH8BPX
08231847 G0HAS   IO81VH > IL18SK   S EH8BPX
08231848 G4CCZ   IO91   > IL18SK   S EH8BPX
08231901 G1IMS   IO91   > IL18SK   S EH8BPX
08231902 G0RRJ   IO91FE > IL18SK   S EH8BPX
08231904 G1YLE   JO02OB > IL18SK   S EH8BPX
08231906 M1ALH   JO02MD > IL18SK   S EH8BPX
08231907 G3NVO   IO91JK > IL18SK   S EH8BPX
08271349 G3SKR   AUR IO91 > JO65  W SM7AED
08271508 G4EHD   AUR IO93 > JO65  W SM7AED
08271520 G3HBR  57A/55A IO91 BRIAN C G4UPS
08271521 G3MY   57A/56A IO93 MIKE   C G4UPS
08271523 G3AKF  57A/57A IO92JE BRYAN C G4UPS
08300735 G4UPS  IO80 > JO65 SCATTER   SM7AED
```

ESTONIA
```
08061214 ES1CW   KO29 AU           W SM7AED
08061336 ES2WX/8 KO28                SM7FJE
08161736+ES0SIX 579        >IO80JV  B G4UPS
08180923 ES5AAM  KO38 > JO65         SM7AED
08180929 ES3BR   KO28 > JO65         SM7AED
08180932 ES1MW   KO19 > JO65         SM7AED
08180942 ES1CW   KO29 > JO65         SM7AED
08180947 ES2WX   KO28 > JO65         SM7AED
08181900 ES0SIX  559         >IO80JV B G4UPS
08181934+ES2EA  56          >IO80JV  H G4UPS
08181959 ES0HD   579/579 KO18FF>IO80JV C G4UPS
08182038 ES4RD   559/559 KO24KL>IO80JV C G4UPS
08271456 ES3BR   AUR KO28 > JO65   W SM7AED
09011024 ES0HD   KO18 >IO80  50.100   G8KRT
```

FAROE ISLANDS
```
08101709 OY9JD            > JO66    H SM7AED
08141202 OY9RJ   IP62     > JO65      SM7AED
08161055 OY9JD   IP62 > JO65         SM7AED
08170715 OY3JE   IP62 > JO65         SM7AED
09182349 OY9JD AURORA WEAK   50.110  MM0AMW
```

FINLAND
```
08041645+OH9SIX KP36   < 1815       B SM7AED
08061442 OH9/SM6CMU KP08              SM7FJE
08061449 OH9/SM6CMU KP08 MS         W SM7FJE
08061620 OH9/SM6CMU KP18              SM7FJE
08061624 OH9/SM6CMU KP18 Es         W SM7FJE
08061632 OH7RJ   KP32 > JO65        H SM7AED
08061800 OH6NIO  KP12 > JO65        H SM7AED
08061833 OH76SQ  KP33 > JO65        H SM7AED
08061936 OH8MBU  KP34                SM7FJE
08061938 OH4MFA  KP32                SM7FJE
08080846 OH9/SM6CMU KP17              SM7FJE
08080847 OH9/SM6CMU KP17 SCATTER      SM7FJE
08090750 OH9/SM6CMU KP27              SM7FJE
08090752 OH9/SM6CMU KP27 SCATTER      SM7FJE
08090901 OH9/SM6CMU KP16              SM7FJE
08091322 OH9/SM6CMU KP16 H/S          SM7FJE
08121452 OH3MF/9 KP36 > JO66          SM7AED
08121544 OH3MF/9 KP36                 SM7FJE
08121544 OH9SCL  KP46                 SM7FJE
08121552 OH9SCL  KP46                 SM7FJE
08150850 OH9MCL  KP38                 SM7FJE
08151133 OH4RH   KP31 > JO65        H SM7AED
08151155 OH9SIX  KP36 > JO65        B SM7AED
08151222 OH9MCL  KP38 > JO65          SM7AED
08170822 OH1ZAA 55/55 KP01 > IO80JV S G4UPS
08181110 OH9SIX            > JO65      SM7AED
08181723 OH3LNQ 59/59 KP11RK JUKKA   S G4UPS
08181723+OH1LT   55   <1740 >IO80JV H G4UPS
08181723+OH1SIX  599        >IO80JV B G4UPS
08271351 OH1JE   AUR KP01 > JO65    W SM7AED
08271506 OH5PN   AUR KP30 > JO65    W SM7AED
08271547 OH2MFE  AUR KP20 > JO65    W SM7AED
08272020 OH6NIO  KP12  AUR            SM7FJE
80151659 OH2BC   57 KP20    50.120    LW5EJU
```

FRANCE
```
08120936 F8BBL       IN94 > JO66      SM7AED
08130906 F1AKE   IN87WE > IL18SK   S EH8BPX
08131526 F5PAU   IN88CB > IL18SK   S EH8BPX
08141210 F5QT    JO03 WKG W          SM7AED
08151657 F6IFR   59 JN09IT  50.120   LW5EJU
08160836 F5JKK   JN25 > JO65        H SM7AED
08160838 F6IKY   JN35AT>JO65 50.230 B SM7AED
08171043 F1SAH   IN88LS > IL18SK   S EH8BPX
08181125 F1SAH   IN88 > JO65          SM7AED
08190717+F1JG 59          >IO80JV   H G4UPS
08212008 F1BHB   JN09XP > IL18SK   S EH8BPX
08212016 F6BQX   JN06GT > IL18SK   S EH8BPX
08221026 F5GVH/P IN87JI > IL18SK   S EH8BPX
08231845 F1DLE   JN19FH > IL18SK   S EH8BPX
08231846 F1BHB   JN09XP > IL18SK   S EH8BPX
08271612 F5MUX 55A/55A JN08OL>IO80JV C G4UPS
```

GERMANY
```
08090901 DA0ND    JO34                 SM7FJE
08090903 DA0ND    JO34 TROPO           SM7FJE
08091853 DL3DXX   55 JO61VC   50.115  LW5EJU
08091856 DL7QY    59 JN59BD   50.115  LW5EJU
08091857 DL7QY    59 JN59BD   50.130 S LW5DX
08091858 DL3RBH   59 JN68     50.115  LW5EJU
08111511 DA0ND       JO34 > JO66       SM7AED
08141805 DA0HRO  JO64                  SM7FJE
08151709 DL6BF    51 JO32     50.115  LW5EJU
08161005 DL7QY    JN59BD > IL18SK   S EH8BPX
08161803 DJ6TK   599/599 WILF >IO80JV C G4UPS
08161853 DA0HRO  559/559 JO64BD MATT C G4UPS
08201623 DL/UT8AL JO43                SM7FJE
08211951 DL/UT8AL JO43HV> IL18SK    S EH8BPX
08271316 DJ2RE   JN49  AUR            SM7FJE
08271344 DJ6NI   AUR JO31 > JO65    W SM7AED
08271500 DL2GBT  AUR JN48 > JO65    W SM7AED
08271514 DJ6RN   AUR JN69 > JO65    W SM7AED
08271519 DJ1OJ   JN58  AUR            SM7FJE
```

GIBRALTAR
```
08151202 ZB2EO   IN76 > JO65          SM7AED
08180830 ZB2EO  579 WKG G   >IO80JV  H G4UPS
09021135 ZB2IT  IN76>IO91 58 50.110  G3SKR
09021234 ZB2IT              50.110    G6YIN
```

GREECE
```
08040758 SV1DH   KM27                 SM7AED
08040828 SV2DFA  KN10                 SM7AED
08050630 SV1DH   KM27                H SM7AED
08120600 SV1SIX        KM17 > JO66     SM7AED
08122021 SV1DH         KM27 > JO66     SM7AED
08160953 SV8AQY  KM08  > JO65          SM7AED
08170855 SV8/SV1BRL 55 KM08>IO80JV   H G4UPS
08190728 SV1SIX  579         >IO80JV B G4UPS
09011832 SV1SIX KM18VA>JN86EH  50.110  9A8A
09011842 SV3BSF KM64CG>JN86EH  50.140 OK1MP
09011851 SV3DTD KM39>JN67 59   50.110  9A8A
09011852 SV1SIX >JO33 529       50.040 OE2VEL
09011853 SV1SIX 599>JN48        50.040 PA3HBH
09011857 SV1SIX 529 KM17>JO50  50.040 DL8SET
09011903 SV5BYR LOST HIM>QSB   50.110  9A8A
09030804 SV1SIX 549           50.040 B DL4ALI
09071817 SV1SIX KM17 539>JO50 50.040 TE6VV
09071934 SV1SIX 559>JO60      50.040 DL3AT
09072043 SV1SIX KM17>JN45 579 50.040 OK1DPU
09080638 SV1SIX 59            50.040 I2WSG
09080730 SV1SIX KM17>JO50     50.040 IW2JMC
09081951 SV1SIX            50.040 B DL3AT
09082011 SV1SIX WEAK>JN48HR 50.040 B OH9BGP
09101953 SV2CLL KM08VF>JO70FC 50.110 SV2BSQ
```

```
09120830 SV8QG   WEAK      50.115    OE2UKL
09122007 SV1SIX  CQ        50.040 B  DA1MH
09251545 SV1DH  559>LIBREVILLE 50.110 TR0A
```

GUERNSEY
```
08101544 2U0ARE       IN89 > JO66     SM7AED
08131557 GU8DCE/P IN89SL> IL18SK   S EH8BPX
08221023 GU7DHI  IN89RL > IL18SK   S EH8BPX
```

HUNGARY
```
08141350 HA/PA3GSM JN97                SM7FJE
08211950 HA8BE  KN06ST -2241 FAI 144 EA3ADW
```

IRELAND
```
09161213 EI8HE IO64GU 59>JN86 50.120   9A8A
```

ISLE OF MANN
```
08121603 GD3AHV  IO74                 SM7FJE
08121837 GD4XTT       IO74 > JO66      SM7AED
08131544 GD3AHV IO74QD > IL18SK    S EH8BPX
08221000 GD3AHV IO74QD > IL18SK    S EH8BPX
08271454 GD3AHV 59A/57A IO74 GEORGE S G4UPS
```

ITALY
```
08041645+IS/IO8R JN41   < 1815       H SM7AED
08061626 IH9SIX        > JO65        B SM7AED
08071745 IW7DLC                      H SM7AED
08072002 I7CSB  JN71QQ > IL18SK   S EH8BPX
08091133 IW3RBP JN65   > IL18SK   S EH8BPX
08091133 IW3QQJ JN65VP > IL18SK   S EH8BPX
08091135 IV3VFP JN66HD > IL18SK   S EH8BPX
08091136 I2NFW  JN45MA > IL18SK   S EH8BPX
08091150 IV3LHQ JN65VO > IL18SK   S EH8BPX
08091151 IK2RHH JN45JO > IL18SK   S EH8BPX
08091152 IW1CAA JN45AM > IL18SK   S EH8BPX
08091846 IW4DCW 55            50.112 S LW5DX
08091855 IN5XDL  55 JN52      50.115  LW5EJU
08091900 IK5RLP JN52 JN52LR   50.115  LW5EJU
08122012 IK3TPP JN65EP -2102 FAI 144 EA3ADW
08161240 I2NFW  JN45 > JO65           SM7AED
08170908 I7UGO  57          >IO80JV H G4UPS
08171806 IK7GFX JN71 > JO65        H SM7AED
08172108 I5CTE  559         >IO80JV H G4UPS
08180839+I8LPR 599          >IO80JV H G4UPS
08181106 IS/IO8R          > JO65    H SM7AED
08181139 IK5XPV 559         >IO80JV H G4UPS
08181139+IO9X  599          >IO80JV H G4UPS
08190717+I STMS             >IO80JV H G4UPS
08212158+IO9X  569          >IO80JV H G4UPS
08212158+IK7XGF 55          >IO80JV H G4UPS
08232051 IO9X  59/57 JN61 TONY>IO80JV S G4UPS
08282110 IO9X  57           >IO80JV H G4UPS
08282020 IW7DLC 44 <2135    >IO80JV H G4UPS
08300954 IK5RLP  JN52 > JO65       W SM7AED
08301020 IH9/IK1ENN JN56            SM7FJE
08301026 IW0UIQ  JN49 > JO65       W SM7AED
08301058 I3LLH 59/59 JN81>IO80JV H G4UPS
08301059 IO9X  559          >IO80JV B G4UPS
08301952 IO9X  56           >IO80JV H G4UPS
08310742 IO9X  559          >IO80JV H G4UPS
08310808 I8LPR 599 -0818    >IO80JV H G4UPS
09012037 IK4DCO JN64GB -2037 FAI 144 EA3ADW
```

JERSEY IS.
```
08131520 GJ4JVP IN89VE > IL18SK   S EH8BPX
08131532 GJ4ICD IO92   > IL18SK   S EH8BPX
08131548 GJ7SLU IN89VF > IL18SK   S EH8BPX
08151155 GB3IOJ IN89 > JO65        B SM7AED
08221006 GJ3RAX IN89VE > IL18SK   S EH8BPX
09081913 GJ7SLU IN89VF 59>JN86 .150   9A8A
```

LATVIA
```
08180937 YL2DX   KO26 > JO65         SM7AED
08180938 YL2JN   KO16 > JO65         SM7AED
08271415 YL3AG   KO26 AUR            SM7FJE
```

LITHUANIA
```
08182104 LY3ED 559/559 KO14UX>IO80JV C G4UPS
```

LUXEMBOURG
```
08121548 LX1JX   JO30                SM7FJE
```

MACEDONIA
```
08101517 Z31JA       KN11 > JO66     SM7AED
08141027 Z31JA   KN11   > JO65      H SM7AED
09011815 Z32MA   59>JO50    50.130  DL3AT
```

MALTA
```
08041645+9H1XT JM75   < 1815        H SM7AED
08101923 9H1EL       JM75 > JO66    H SM7AED
08171020 9H1GP 55 <1045  >IO80JV  H G4UPS
08171350 9H1BT  JM75 > JO65        H SM7AED
09011911 9H1AW              50.110  SP5CCC
09072113 9H1AW JM75 559 >JO41 50.110 DK2PH
09172200 9H5EE             50.110  PY5CC
```

MOLDAVIA
```
08061824 ER1AAA KN47 > JO65         H SM7AED
```

NETHERLANDS
```
08091908 PA3DWD 57 JO23      50.146 S LW5DX
08121639 PA3DWD       > JO66         SM7AED
08121755 PA3FHK   JO21 > JO66        SM7AED
08130900 PE1MJV JO21EX > IL18SK   S EH8BPX
08130904 PE1OXT JO22FE > IL18SK   S EH8BPX
08130905 PA0GRL JO23RE > IL18SK   S EH8BPX
08130919 PA0GRW JO23RE > IL18SK   S EH8BPX
08130951 PE1PZS JO21DV > IL18SK   S EH8BPX
```

```
08151704 PE1MES    59  JO21     50.115    LW5EJU
08151706 PE1MCD    59  JO23     50.115    LW5EJU
08151707 PA3DOL    52  JO22     50.115    LW5EJU
08151710 PA0COR    55  JO23     50.115    LW5EJU
08151720 PA3DWD    57  JO23     50.115    LW5EJU
08151722 PA3GML    55  JO22     50.115    LW5EJU
08151724 PE1MJV    51            50.115    LW5EJU
08161750 PE1KLQ 59/59 JO33JF JAN       S G4UPS
08161817 PA3FBN 59/59 JO33JF FRANK     S G4UPS
08211945 PA3BLS    JO22LM > IL18SK     S EH8BPX
08211947 PE1NHA    JO21SS > IL18SK     S EH8BPX
08211952 PA3HBH    JO32GD > IL18SK     S EH8BPX
08211953 PE1MTS    JO32HN > IL18SK     S EH8BPX
08211954 PE1RKN    JO32FO > IL18SK     S EH8BPX
08212000 PE1RSR    JO22FE > IL18SK     S EH8BPX
08212003 PE1JVV    JO21   > IL18SK     S EH8BPX
08271352 PA3FBM    AUR JO33 > JO65     W SM7AED
08271450 PA3BLS 55A/55A JO22LM         C G4UPS
08271452 PE1OXT    AUR JO22 > JO65     W SM7AED
08271454+PAOHIP 59A CW     >IO80JV     H G4UPS
08271555 PE1RDP    AUR JO21 > JO65     W SM7AED
```

NORTHERN IRELAND
```
08151144 GI7JYK  IO74 > JO65             SM7AED
08271405 GI0OTC 57A SSB      >IO80JV    H G4UPS
08271507 GI0OTC   AUR IO65 > JO65       S G4UPS
08271513 GI4SNA 55A/55A IO64XM>IO80     S G4UPS
08271559 GI3TLT 57A/57A IO74FL HUGH     C G4UPS
09061914 GI0OTC 59>JN48      50.120      DL2GBT
```

NORWAY
```
08061309 LC2XAT  JP32               SM7FJE
08061646 LA5TFA  JP99               SM7FJE
08111939 LC1PAT    JP51 > JO66      SM7AED
08121944 LB4OE     JO59 > JO66      SM7AED
08161802 LA0CX 599/599 JO59QC ULI  I G4UPS
08170813 LA  INBAND TV             I G4UPS
08170817 LA6HHA 55/41 JP54SK>IO80JV S G4UPS
08170825 LA0BX 55/54 JP50HH SIGFUS  S G4UPS
08181310-LA  INBAND TV     >IO80JV  I G4UPS
08201550 LA0CX    AUR  > JO65       H SM7AED
08271308 LC2XAT  JP32  AUR          SM7FJE
08271324 LA2FKA/M JP32 AUR          SM7FJE
08271330 LA/DG1RUG JP33 AUR         SM7FJE
08271347 LA/DG1RUG/P AUR JP33>JO65  W SM7AED
08271350 LA2FKA/M AUR JP32 > JO65   W SM7AED
```

POLAND
```
08091918 SP6ASD    55/51     50.115  LW5EJU
08121529 SP6EFY,SP6VMV,SP6HEJ JO81   SM7AED
08121532 SP9KDA    JO90 > JO66       SM7AED
08151035 SP9CXX    JO90 > JO65       SM7AED
08161736+SP2MKO 59       >IO80JV   H G4UPS
08171209 SP9ERV 55 <1220  >IO80JV  H G4UPS
08181139+SP7JQJ 59       >IO80JV   H G4UPS
08181336+SR5SIX 599      >IO80JV   H G4UPS
08181437 SP5BAK 59/59 KO02KE ANDY  S G4UPS
08181444 SP2SGE 59/59 JO82UU JANUSZ S G4UPS
08182121+SP             >IO80JV    H G4UPS
08230726 SR8SIX 569 KN19CN  50.028  LW5EJU
08230732 SP6ASD 569      >IO80JV   H G4UPS
08230736 SP6ASD 579/579 JO81LC TADEK C G4UPS
08230851 SR5SIX 599      >IO80JV   H G4UPS
08230900 SP9SOI 579/579 JO90MG KRIST C G4UPS
08231839 SP6ASD 599,SP6HEI 59      H G4UPS
08231839 SR6SIX 579      >IO80JV   H G4UPS
08231853+SQ9ACH 59+      >IO80JV   H G4UPS
08241850 SR6SIX 599      >IO80JV   H G4UPS
08241901 SP9MRK 449,SQ9AOR 55 -1906 H G4UPS
08271346 SP6BIF    AUR JO90 > JO65  W SM7AED
08271359 SP7TEC    AUR JO91 > JO65  W SM7AED
08271410 SP9BAK    AUR KO02 > JO65  W SM7AED
08271510 SP6NVN    AUR JO81 > JO65  W SM7AED
08271526 SP6GEE 55A/55A JO81 ROMAN  C G4UPS
08271616 SP6ASD 56A/56A JO8ALC TADEK C G4UPS
```

PORTUGAL
```
08061905 CT1CLR IN50QP > IL18SK   S EH8BPX
08072006 CT1EKF IN50SU > IL18SK   S EH8BPX
08091207 CT/F6EPY IN58 > IL18SK   S EH8BPX
08091733 CTOWW      IN61 > JO65   B SM7AED
08130830 CT1EKF IN50SU > IL18EF   S EH8BPX
08151155 CTOWW   IN61 > JO65      B SM7AED
08160945 CTOWW   IN61 > JO65      B SM7AED
08190704 CTOWW   IN61 > JO65      B SM7AED
08191055 CTOWW 559 <1110  >IO80JV B G4UPS
08200730 CTOWW 599 <0741  >IO80JV B G4UPS
08200741 CTOSIX 449      >IO80JV  B G4UPS
08212115+CTOSIX 569, CTOWW 599    B G4UPS
08212115+CT1HB 57        >IO80JV  H G4UPS
08212147+CT1OQ 57        >IO80JV  H G4UPS
08212158 CT98CBI 57      >IO80JV  H G4UPS
08212158+CT1EKF 55 <2215  >IO80JV B G4UPS
08231804 CTOSIX 59       >IO80JV  B G4UPS
08231825 CT1CLR 59       >IO80JV  B G4UPS
08231851 CT1EKF IN50SU > IL18SK   S EH8BPX
08231853 CTOWW 599+      >IO80JV  B G4UPS
```

ROMANIA
```
08041645+YO4AUL KN44  < 1815      H SM7AED
08101702 YO8BPY    KN37 > JO66      SM7AED
08121533 YO7BUT  KN15 M/S 1 BURST W SM7AED
08141042 YO9FDC       > JO65        SM7AED
09211032 YO3AC KN34BK 59>JO22 50.149 PB0ANX
```

RUSSIAN FEDERATION
```
08041625 UY1HY  KO60              SM7FJE
08041637 UY1HY  KO60              SM7AED
08061650 UY5QS  KN77 > JO65      H SM7AED
08061736 UY1HY  KO60 > JO65      W SM7AED
08061743 UY5EE  KN77 > JO65      W SM7AED
08101714 UY5QS     KN77 > JO66     SM7AED
08180945 UA1WER  KO47 > JO65       SM7AED
08180955 UA1WJ    KO47 > JO65      SM7AED
```

SARDINIA
```
08071757 IS0OMH            57     H SM7AED
08190728+IS0AGY 57     >IO80JV    B G4UPS
08190806 IS0GQX 599/599 JM49OH    C G4UPS
08190806+IMO0JEJ 59    >IO80JV    H G4UPS
08190933 IS0MVE 579    >IO80JV    H G4UPS
08212158+IS0AGY 55     >IO80JV    H G4UPS
08300955 IS0AGY     JM49 > JO65   W SM7AED
08302005 IS0GXQ 589    >IO80JV    H G4UPS
09020918 IS0MVE            50.105  ON4GG
```

SCOTLAND
```
08061219 GM3POI IO88 AU           W SM7AED
08121506 GM4SFW    IO77 > JO66      SM7AED
08121834 MM0AMW    IO75 > JO66      SM7AED
08151735 GM3POI  55 IO88    50.115  LW5EJU
08170845+GB3LER 599++   >IO80JV    B G4UPS
08201525 GB3LER   AUR > JO65       B SM7AED
08201625 GM3WOJ   AUR > JO65       H SM7AED
08261755 GB3RMK 33A AURORA >IO80JV B G4UPS
08271423 GM4EWE    IO89  AUR        SM7FJE
08271430 GM3POI 55A/54A IO88OW CLIVE H G4UPS
08271434 GM3NHQ 56A/56A IO86WL TOM C G4UPS
08271434+GB3RMK 55A     >IO80JV    H G4UPS
08271434+GM1IKQ 55A SSB  >IO80JV   H G4UPS
08271532 GM0MEB 55A/55A IO86DA WILLY C G4UPS
09251616 GM1WZR AU          50.110  ON4GG
```

SERBIA
```
07282026 YU7ASX KN04AX -2140 FAI 144 EA3ADW
08041645+YU1HQR JN94   < 1815     H SM7AED
08050718 YU7AY  KN04              H SM7AED
08062003 YU1WP  KN94OM -2216 FAI 144 EA3ADW
08082159 YU1IO         -2159 FAI 144 EA3ADW
08102002 YU1VG  KN04EX -2040 FAI 144 EA3ADW
08112130 YU1VG  KN04GX -2130 FAI 144 EA3ADW
08120631 YU7FY     KN04 > JO66      SM7AED
08122007 YT1AU,YU1TP KN03 > JO66    SM7AED
08151948 YU1EV  KN04CN -2100 FAI 144 EA3ADW
08161945 YU7EW  KN05HP -2041 FAI 144 EA3ADW
08171804 YU1HQR JN94   > JO65      H SM7AED
08171945 YT7MJU KN05HL -2153 FAI 144 EA3ADW
08180739 YU1SIX 579    >IO80JV     B G4UPS
08181139+YU            >IO80JV     H G4UPS
08182121+YU7FU 599     >IO80JV     H G4UPS
08211110+YU1AD 57      >IO80JV     H G4UPS
08282044 YT1AU 599/599 KN04CP ZIKA C G4UPS
08302002 YU1IO         -2010 FAI 144 EA3ADW
```

SICILY
```
08041645+IT9RER JM76  < 1815      H SM7AED
08091532 IT9DQM         Es          SM7AED
08171000 IT9DQM 55     >IO80JV     H G4UPS
08300943 IT9DQM     JM68 > JO65    W SM7AED
08301059 IT9PME 59/59 JM68PE>IO80JV C G4UPS
08301102 IT9STX 59/59 JM68QD >IO80JV S G4UPS
09031818 IT9KSS JM68>IO51 230050.160 EI7GL
09080707 IT9CHU JM76>JO31 57/550.110 DL1EJA
09251729 IT9IPQ JO70FC>JM78SE 50.135 OK1MP
09251830 IT9IPQ 59+>JO50JW 50.120  DL4ALI
```

SLOVAKIA
```
08181139 OM3EY 559     >IO80JV     H G4UPS
```

SLOVENIA
```
08022109 S56HCE        -2109 FAI 144 EA3ADW
08042028 S56HCE        -2028 FAI 144 EA3ADW
08071743 S57AC  JN76TN > IL18SK    S EH8BPX
08082008 S53EA         -2008 FAI 144 EA3ADW
08091129 S50N   JN65UX > IL18SK    S EH8BPX
08091139 S59F   JN65TX > IL18SK    S EH8BPX
08091156 S57AC  JN76TN > IL18SK    S EH8BPX
08091835 S59A   55 JN76    50.110  LW5DX
08091846 S59A   59 JN66    50.110  LW5EJU
08091850 S50N      51      50.115  LW5EJU
08091851 S57A   59 JN65    50.115  LW5EJU
08092000 S54AC  JN86  -2016 FAI 144 EA3ADW
08121930 S57NRO JN76KC -1930 FAI 144 EA3ADW
08230745 S55ERS 599    >IO80JV     B G4UPS
08180752 S53VV 599/599 JN65OM>IO80JV C G4UPS
08181221 S57UM 599/599 JN76AE BORUT C G4UPS
08181221+S57A 599      >IO80JV     H G4UPS
08190724 S55ERS 579    >IO80JV     B G4UPS
08190724+S57AX 59      >IO80JV     H G4UPS
08211112+S57EA 559, S57MNM 559     H G4UPS
08302120 S57EEB        -2120 FAI 144 EA3ADW
09082004 S56HCE        -2027 FAI 144 EA3ADW
```

SPAIN
```
08071755 EH5AAJ IM99SL > IL18SK    S EH8BPX
08091134 EH4ALL IM89SJ > IL18SK    S EH8BPX
08091220 EA3VHF                    B SM7AED
08111944 EH1DVY/P   IN83 > JO66      SM7AED
08121002 EH4AV      IM88 > JO65      SM7AED
08130840 EH4BPJ/P IN72HU > IL18SK   S EH8BPX
08130907 EH3JA  JN11HR > IL18SK     S EH8BPX
08141240 EH2LU       WKG W           SM7AED
08151634 EH1AGE/P IN71              SM7FJE
08151643 EH4BPJ/P IN72              SM7FJE
08151655 EH4BPJ/P IN72 > JO65        SM7AED
08160737 EH3TA   JN11 > JO65         SM7AED
08161001 EH4BAS/P 55 IM98TL > IL18SK S EH8BPX
08180757 EA3VHF 599    >IO80JV      B G4UPS
08180828+EH5DNO 559/559 IM99XX RAY C G4UPS
08180839+EH5CJ 57,EH3BTD 59>IO80JV H G4UPS
08181105 EH3EO   JN01 > JO65       H SM7AED
08190712 EH1EH   IN82 > JO65         SM7AED
08190855 EH5FKW 59     >IO80JV      H G4UPS
08190858 EH4BAS/P 59/59 IM98TL      S G4UPS
08190858+EH3IH 599     >IO80JV      H G4UPS
08200739 EH4BAS/P 59+/59 MIGUEL     S G4UPS
08212115 EH1EH 569     >IO80JV      H G4UPS
08241802 EH5FKW 59 QSB  >IO80JV     H G4UPS
08241809 EH5VD 55 QSB   >IO80JV     H G4UPS
08301039 EH3CCU     > JO65          W SM7AED
```

SWEDEN
```
08061235 SM4MWJ JP70 AU            W SM7AED
08061822 SM3DAL JP73 > JO65        H SM7AED
08081444 SM3RPP JP77                SM7FJE
08112030 SK3EK  JP83                SM7FJE
08121517 SM3GSK    JP81 > JO66       SM7AED
08130824 SM3GSK    JP81 > JO66       SM7AED
08151213 SM2GCQ KP15 > JO65          SM7AED
08161736+SM7SPG 59     >IO80JV      H G4UPS
08161808 SM7CMV 599/599 JO75 KEN   C G4UPS
08161811 SM7AED 59/59 JO65 ARNE    C G4UPS
08170730 SK3SIX 559    >IO80JV      B G4UPS
08170739 SM7AED 559/559 JO65 ARNE  C G4UPS
08170825+SM3VEE 55     >IO80JV      H G4UPS
08170730 SK6TY  JO68JA > IL18SK     S EH8BPX
08170839 SM3BIU JP73ST > IL18SK     S EH8BPX
08170840 SM6CMU JO57XK > IL18SK     S EH8BPX
08170845 SM7MXJ 559    >IO80JV      H G4UPS
08180735 SM7AED 559/559  >IO80JV   C G4UPS
08181310 SK3SIX 559    >IO80JV      B G4UPS
08181336 SM3EQY 59/59 HAAKAN >IO80JV S G4UPS
08182121 SM7         >IO80JV        H G4UPS
08201525 SK3SIX   AUR > JO65        B SM7AED
08201528 SM4VLG   AUR JP70 > JO65  H SM7AED
08201549 SM1BSA   AUR > JO65        H SM7AED
08210736 SM7AED 559/549  >IO80JV   C G4UPS
08250736 SM7AED 559/449 MS >IO80JV C G4UPS
08270735 SM7AED 559/449  >IO80JV   C G4UPS
08271513 SM3GUE   AUR JP80 > JO65  W SM7AED
08280734 SM7AED 559/559  >IO80JV   C G4UPS
08290734 SM7AED 559/559  >IO80JV   C G4UPS
08300735 SM7AED 559/559  >IO80JV   C G4UPS
08310735 SM7AED 569/449  >IO80JV   C G4UPS
```

SWITZERLAND
```
08061959 HB9OAB JN46 > JO65        H SM7AED
08091137 HB9OAB JN46ME > IL18SK    S EH8BPX
08091919 HB9RUE  51      50.115     LW5EJU
09081703 HB9AOF JN36 59>JO57 50.120 SM6CMU
```

UKRAINE
```
08041645+UR3CF KN69  < 1815       H SM7AED
08041645+UR5LX KN70  < 1815       H SM7AED
08041645+UR5EEL KN56 < 1815       H SM7AED
08041645+US5CCO KN59 < 1815       H SM7AED
08041645+US5EKL KN78 < 1815       H SM7AED
08041645+UX0CX KN59  < 1815       H SM7AED
08041656 UX0CX  KN59               SM7FJE
08061713 US5CCO KN59 > JO65       H SM7AED
08061725 UX0IB  KN88 > JO65       H SM7AED
08061726 US5CQ  KN59 > JO65       H SM7AED
08061757 UR5GL  KN66 > JO65       H SM7AED
08061802 UR5EEL KN66 > JO65       H SM7AED
08062000 UR5LX  KP70 > JO65       H SM7AED
08101644 US5EKL    KN78 > JO66      SM7AED
08101714 US5CCO    KN59 > JO66      SM7AED
08141043 UR5LX        > JO65        SM7AED
08171730 US5CCO KN59 > JO65       H SM7AED
08171805 UR5EEL KN56 > JO65       H SM7AED
08181936 UR5EEL KN56 > JO65         SM7AED
08181953 UR5GL  KN66 > JO65         SM7AED
08182112 UR5LX 559/559 KO70WK>IO80JV C G4UPS
08182130 UR5EEL 559    >IO80JV     H G4UPS
08301037 UT1PA   KO21 > JO65       W SM7AED
09011059 UR5LX 58 KO70>IO75 50.109  GM7NEI
09121000 UT1PA LOST        50.110   HB9QQ
```

WALES
```
08041645+GW0VMW    < 1815          H SM7AED
08121612 GW0GEI    IO73 > JO66       SM7AED
08131001 GW7LHI IO81CN > IL18SK     S EH8BPX
08131600 GW7LHI IO81CN > IL18SK     S EH8BPX
08131610 GW7SMV IO81LN > IL18SK     S EH8BPX
08170845 GW4VEQ IO73SG > IL18SK     S EH8BPX
08220955 GW3XYW IO71XR > IL18SK     S EH8BPX
08271454 GW4VEQ 55A/55A IO73SG      S G4UPS
```

Reports of North America

This month's TV DX reports were submitted by Danny Oglethorpe of Schreveport, LA; Jeff Kruszka, Baton Rouge, LA; Pat Dyer, WA5IYX, San Antonio, TX; William Eckberg, Dixon, IL; Frank Merrill, Macomb, IL; and Jim Pizzi, Paso Robles, CA.

NORTH AMERICA, GENERAL
```
09080515 NAM   2   -0640 unID 55.26 V SK1AA
09110500-NAM   2   unID -0635 55.26 V SK1AA
09140500-NAM   2   unID -0543 55.26 V SK1AA
09180500-NAM   2   unID -0610 55.26 V SK1AA
09190500-NAM   2   unID -0600 55.26 V SK1AA
09200500-NAM   2   unID -0605 55.26 V SK1AA
09250505 NAM   2   unID-0520 55.26 V SK1AA
09250500-NAM   2   unID-0540 55.26 V SK1AA
```

ALASKA
```
08110400 KL7     >CM88   + 40.69 B K6QXY
08110607 KL7NO 59  BP54  >CM88   S K6QXY
```

```
08170400 KL7                    >CM88    K6QXY
08200200 KL7                    + 40.69 B K6QXY
08200430 KL7NO 59  BP54         >CM88 S  K6QXY
09250430-KL7NO              AUR ES  W KL7FX
```

CANADA, Eastern
```
07292330-VE1  VY WEAK          >CM88     K6QXY
07311948 CHBX  2 ON > LA    1098  T OGLETHO
07312108 CKPR  2 ON > LA    1130  T OGLETHO
07312115 CHRO  5 ON > LA    1287  T OGLETHO
07312217 CBFT  2 PQ > LA    1414  T OGLETHO
07312222 CIII2 3 ON > LA    1225  T OGLETHO
07312243 CBLT  5 ON > LA    1103  T OGLETHO
07312248 CKCO2 2 ON > LA    1103  T OGLETHO
08041727 CBFT  2 PQ > LA    1414  T OGLETHO
08041742 CIII2 3 ON > LA    1225  T OGLETHO
08050030 CHBX  2 ON > LA    1098  T OGLETHO
08050203 CHFD  4 ON > LA    1130  T OGLETHO
08050236 CBLTt 5 ON > LA    CBC   T OGLETHO
08120200 CHBX  2 ON > LA    1098  T OGLETHO
08120147 CKCO2 2 ON > LA    1103  T OGLETHO
08302250 VE3SXK  51 EN93  50.125  LW5EJU
08302300 VA3DEN  51 EN93  50.125  LW5EJU
09190943 VE3UBL FN03>FM19 50.059 B K3SX
```

CANADA, Western
```
07200206 CBUT  2 BC CBC > CA      T PISSI
07292330-VE6                 >CM88    K6QXY
08021830 VE6EMU,VE6ARC       >CM88    K6QXY
08021830 VE7                 >CM88    K6QXY
08031900 VE7                 >CM88    K6QXY
08041655 CKND2 2 MB > LA   1279  T OGLETHO
08042030 VE7                 >CM88    K6QXY
08042030-VE6EMU,VE6ARC      >CM88 B  K6QXY
08050000 VE7, VE6EMU         >CM88 B  K6QXY
08050353 CKND2 2 MB > LA   1279  T OGLETHO
08051700-VE6EMU             >CM88 B  K6QXY
08060000-VE6                >CM88 B  K6QXY
08110400 VE6, VE7           >CM88 B  K6QXY
08121615 CKND2 2 MB > LA   1279  T OGLETHO
08150331 CFQCI 3 SK > IL         T MERRILL
08150359 CHSS  6 SK > IL         T MERRILL
08150359 CKOS  5 SK > IL         T MERRILL
08170400 VE6, VE7           >CM88    K6QXY
08181700 VE7                >CM88    K6QXY
08200200 VE6, VE6EMU, VE6ARC >CM88 B K6QXY
08200300 CKCK  2 SK > LA   1367  T OGLETHO
09010354 VE4VHF INTMT>DO05 50.037 B VE6AMB
09160345 VE4VHF EN19>EM13  50.037 B WW2R
09250223 VE6DV   DO33 > DN17 AU  50  N7EIJ
09250229 VE6DV DN17>DO33 AURO 50.125  KG7WC
09250250 VE7SKA CN88 > DN17 AU  50  N7EIJ
09250340 VE7AGG CN89 > DN17 AU  50  N7EIJ
09250342 VE7DAN 52A DN09>CN85 AUR 50 W N7DB
09250343 VE7SKA 52A CN88>CN85 AUR 50 W N7DB
09250428 VE7BEE 54A DN09>CN85 AUR 50 W N7DB
09250430 VE7               AUR ES  W KL7FX
09251400 VE6JW   DO33 > DN17 AU  50  N7EIJ
```

COSTA RICA
```
09151100+TI4, TI5     > GG66     W PY2NI
09160238 TI5KD           50.110  PP5JD
09160250 TI3JHQ EJ79     50.130  PP5JD
09170100 TI2NA 57        50.078 B LW5EJU
09180301 TI4JTQ WEAK WKG PP5JD50.110 H HP3XUG
```

CUBA
```
08232135 CO2OJ  59 EL83 JOSE 50.125  LW5EJU
08232138 CO2LP 59 EL83 NELSON 50.125 LW5EJU
08232241 CO2C    57      50.0825 LW5EJU
09192237 CO2LP 53 EL83 NELSON 50.110 LW5EJU
```

DOMINICAN REPUBLIC
```
09110118 HI8HGS 52 HUGO   50.110  LW5EJU
```

GRENADA
```
09250009 J3EOC  559       50.056 B PY5CC
```

GUATEMALA
```
08232207 TG9SC 59 EK44 ROBERTO50.120  LW5EJU
08232215 TG9IKE 57 EK44   50.135  LW5EJU
```

MEXICO
```
07152334 XHPN  3 CU > IL          T MERRILL
07311819 unIDs ,4 Mexico > LA     T OGLETHO
08061900 XEFB  2 NL>IL    1282 T ECKBERG
08061901 XHPN  2 CU>IL    1100 T ECKBERG
08092050 XE3RCM  53       50.0?? B LW5EJU
08191730 XEFB  2 NL       1161 T MERRILL
08232155 XE1KK    59+     50.023 B LW5EJU
08232200 XE1/G3SVD 59 ANDY 50.125 LW5EJU
08232220 XE3RCM    53    50.0535 B LW5EJU
08302234 XE1KK    59+     50.029 B LW5EJU
08302302 XE1GX  57 EK08   50.115  LW5EJU
08302335 XE1KK   57 RAMON 50.140  LW5EJU
08302347 XE1RGL  59 EK08  50.110  LW5EJU
08302347 XE1NVX 57 EK09 JURI 50.115 LW5EJU
08312300 XE1KK    59      50.029  LW5EJU
09010048 XE3RCM EL50      50.054 B W4KGH
09012230 XE1KK   59+      50.023  LW5EJU
09012233 XE1NVX 57 EK09 JURY 50.127 LW5EJU
09032131 XE1KK  59        50.023  LW5EJU
09162210 XE1KK   59+      50.023  LW5EJU
09170101 XE1KK  59        50.023  LW5EJU
09172159 XE3RCM 52        50.053  LW5EJU
09182158 XE1KK  59        50.023  LW5EJU
09182205 XE3RCM 57        50.053  LW5EJU
09192211 XE1KK   59+      50.023  LW5EJU
09202000 XE1KK   59+      50.053  LW5EJU
09202005 XE3RCM 57        50.053  LW5EJU
09240231 XE1NVX INTO EM00        N5TSP
```

```
09240233 XE1KK INTO EM00      50.022 B N5TSP
09240338 XE2UZL INTO EM00     50.028 B N5TSP
```

PANAMA
```
09151100+HP2          > GG66     W PY2NI
09160311 HP2CWB JOS FJ09  50.120  PP5JD
09170251 HP3XUG           50.114  PY2HDY
09220157 HP2CWB           50.105  PY2NQ
```

PUERTO RICO
```
09110014 WP4O   57 EDWIN  50.110  LW5EJU
09110015 KP4EIT 59 PAPO   50.110  LW5EJU
09110024 KP4UK 59 MARCOS  50.115  LW5EJU
09110115 KP3A 55 FK68 ALFONSO 50.115 LW5EJU
09142357 WP4O   59 EDWIN  50.110  LW5EJU
09142358 KP4EIT 57 PAPO   50.105  LW5EJU
09151100+KP3          > GG66     W PY2NI
09152117 WP4O   59+EDWIN  50.110  LW5EJU
09152122 KP3A   59+ALFONSO 50.130 LW5EJU
09152131 KP4EIT 57 PAPO   50.110  LW5EJU
09152309 KP3A             50.110  PP1CZ
09160037 WP4O   539 QRM   50.110  PP5JD
09160223 KP3A   FK68 ALFONSO 50.110 PP5JD
09160306 KP4EIT JOSE FK68  50.116  PP5JD
09170046 KP3A    55 ALFONSO 50.110 LW5EJU
09170048 WP4MEK 53 ALEXIX  50.115  LW5EJU
09170052 KP4EIT 57 PAPO   50.120  LW5EJU
09170055 WP4O   58 EDWIN  50.120  LW5EJU
09170057 WP4MXM 53 RAFAEL  50.120  LW5EJU
09192232 WP4O   59 FK78 EDWIN 50.110 LW5EJU
09192244 KP4EIT 59 PAPO   50.115  LW5EJU
09192254 WP4HX  57 BRAULIO 50.115 LW5EJU
09200051 WP4MXM 57 RAFAEL  50.110  LW5EJU
09200113 KP3A   55 ALFONSO 50.130 LW5EJU
09250030 KP4EIT           50.110  PY5CC
```

ST PIERRE
```
09012209 FP5XAB GN16>FM29 50.038 B W3JO
```

United States, W1
```
08041615 WBZ  4 MA > LA   1423  T OGLETHO
08041615 WCVB 5 MA > LA   1423  T OGLETHO
08041615 WGBH 2 MA > LA   1423  T OGLETHO
08060000-W1 MA           >CM88    K6QXY
08060150 K1RQG 53   FN54  >CM88    K6QXY
```

United States, W2
```
07312115 WGRZ  2 NY > LA  1091  T OGLETHO
07312220 WIVB  4 NY > LA  1091  T OGLETHO
07312355 WTVH  2 NY > LA  1212  T OGLETHO
08041605 WTVH  5 NY > LA  1212  T OGLETHO
08041720 WGRZ  2 NY > LA  1091  T OGLETHO
08060000-W2 NY NJ        >CM88    K6QXY
08150200 W2              >CM88    K6QXY
08151300 WGRZ  2 NY > IL rare 631 T MERRILL
09051151 K2SPO FN13>FM19  50.125  K3SX
09121429 WA2LXG EL89>EN52 50.135  W9RM
09122106 W2BZY  EL98>EM90 50.125  KD4MWO
```

United States, W3
```
07311905 WRC   4 DC > LA  1042  T OGLETHO
07311915 WTVD  5 DC > LA  1042  T OGLETHO
07311928 WMAR  2 MD > LA  1072  T OGLETHO
07312002 WTAE  4 PA > LA   945  T OGLETHO
08041412 WMAR  2 MD > LA  1072  T OGLETHO
08041412 WRC   4 DC > LA  1042  T OGLETHO
08041450 KDKA  2 PA > LA   945  T OGLETHO
08041450 WTAE  4 PA > LA   945  T OGLETHO
08060000-W3 PA           >CM88    K6QXY
08070953 KDKA  2 PA Pittsburg  T WA5IYX
08150200 W3              >CM88    K6QXY
08292140 W3HHN   FN33           W CO2OJ
08302230 W3HHN 59 FN33 TIM  50.110  LW5EJU
09070114 W3HH EN90>FM19   50.068 B K3SX
09250625 N3SX   FM19>EN70 50.130  KF9WM
09250646 WA3WUL LOUD>AU   50.140  K3SX
```

United States, W4
```
07152359 WPTV  5 FL > LA         T MERRILL
07230415 WPBT  2 FL > LA    939  T OGLETHO
07230435 WPBT  4 FL > LA    939  T OGLETHO
07292330-W4 TN,FL            >CM88    K6QXY
07311635 WFOR  4 FL > LA    939  T OGLETHO
07311635 WPBT  2 FL > LA    939  T OGLETHO
07311658 WESH  2 FL > LA    789  T OGLETHO
07311845 WTVJ  6 FL > LA    939  T OGLETHO
07311850 WUNC  4 NC > LA    875  T OGLETHO
07311905 WUND  2 NC > LA   1031  T OGLETHO
07312108 WRAL  5 NC > LA    896  T OGLETHO
07312205 WFMY  2 NC > LA    838  T OGLETHO
08041405 WCYB  5 VA > LA    721  T OGLETHO
08061500 WPBT  2 FL>IL     1229  T ECKBERG
08061530 WEDU  3 FL>IL     1031  T ECKBERG
08061607 WAGA  2 GA > LA    551  T OGLETHO
08061607 WSB   2 GA > LA    551  T OGLETHO
08061700 WESH  2 FL>IL      983  T ECKBERG
0809XXXX KB4TIQ  59+ EM73 50.110  LU3EMK
08110505 W4CLM/MM 55 BM98  >CM88 S K6QXY
08111830 W4CLM/MM BM78 WEAK >CM88  K6QXY
08120100 W4 NC,TN          >CM88    K6QXY
08150200 W4              >CM88    K6QXY
08152000 WKMG 6 FL Orlando > IL T MERRILL
08152055 WRBL 3 GA > IL rare 635 T MERRILL
08152100 WSB  2 GA         578  T MERRILL
08171535 WWAY 3 NC Wilmington   T WA5IYX
08171559 WCBD 2 SC Charleston   T WA5IYX
08180344 WKRN 2 TN Nashville    T WA5IYX
08191658 WSB- 2 GA Atlanta      T WA5IYX
08191740 WKRN 2 TN Nashville    T WA5IYX
08302225 WB4MMI  51 EM55  50.125  LW5EJU
09051352 WA4MSQ EM88>EN90 50.125  KC8AGW
09121448 W4RX   EN90     50.125  KC8AGW
```

United States, W5
```
07231432 KASA  2 NM > LA   753  T OGLETHO
07231458 KACV  2 TX > LA   501  T OGLETHO
07270330 KACB  3 TX>IL     933  T ECKBERG
07270400 KMID  2 TX>IL     967  T ECKBERG
07292330 W5 NM,MS,TX      >CM88    K6QXY
08061705 WBRZ  2 LA>IL     784  T ECKBERG
08061800 KRGV  5 TX>IL    1189  T ECKBERG
08101405 W5/W6JKV EM10 EME      C K6QXY
08110400 W5 NM            >CM88    K6QXY
08160300 KDTN  2 TX        640  T MERRILL
08161736 N5JHV 559       >IO80JV  H G4UPS
08191800 W5  TX,NM        >CM88    K6QXY
08200200 KACV  2 TX        711  T MERRILL
08200200 W5  NM           >CM88    K6QXY
08200312 KAMR  4 TX        711  T MERRILL
08200400 KNEW  3 NM  145°       T VE7SKA
08201520 W5  TX           >CM88    K6QXY
08232133 W5UWB  59 EL17 John 50.110 LW5EJU
08232140 W5EUB  59 EL29 J.W.  50.125 LW5EJU
08232145 KC5NOA 55 EL08 BOB 50.125 LW5EJU
09010000 N5WS 569 EL09>FK68       C WP4O
09010004 W5/AA4XE 559 EM00>FK68    C WP4O
09071516 N5JHV > EL29      50.125  WB5HJV
09121831 WD5K             50.135  N5KB
09121841 W5FF             50.130  KB6HAN
09131400+W5  NM > DM09 -1500     W N7K
09131426-KK5IH  DM95 > DM04     W KC6WFS
09131429-KJ5BK  DM83 > DM04     W KC6WFS
09131432-W5TC   EM15 > DM04     W KC6WFS
09131435-W5FF   DM64 > DM04     W KC6WFS
09131438-KC5JBO DM65 > DM04     W KC6WFS
09131441-KC5OGT DM93 > DM04     W KC6WFS
09131444-KC5YXB DM65 > DM04     W KC6WFS
09131447-W5DB    DM82 > DM04    W KC6WFS
09162209 W5UWB  57 EL17 JOHN 50.110 LW5EJU
09162220 KC5NOA 55 EL08 BOB  50.125 LW5EJU
09172155 W5UWB  51 EL17 JOHN 50.110 LW5EJU
09182202 K5IUA  51 EL29 JOHN 50.115 LW5EJU
09202105 W5UWB 51>9 EL17 JOHN 50.110 LW5EJU
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United States, W6
```
09250240 KD6OSV CN94 > DN17 AU 144  N7EIJ
09250443 K6AAW 57A CN88>CN85 AUR 144 W N7DB
09250449 N6JV 52A CM98>CN85 AUR 50 W N7DB
09250507 W6KH 56A CN97>CN85 AUR 50 W N7DB
09250508 K6UM 55A CN88>CN85 AUR 50 W N7DB
09250520 W6  CN88,CN80>CN94 AUR 144 W KI7WB
09250525 NF6S 51A CN97>CN85 AUR 50 W N7DB
09250545 N6YM 57A CN87>CN85 AUR 144 W N7DB
09250608 W6/W7LVO 52A CM87>CN85  50 W N7DB
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United States, W7
```
07200204 KOMO  4 WA > CA          T PISSI
07200206 KING  5 WA > CA          T PISSI
07231420 KNAZ  2 AZ > LA   1045  T OGLETHO
07292330-W7 MT,WA           >CM88    K6QXY
08010050 W7 WY,UT          >CM88    K6QXY
08031900 W7 WA             >CM88    K6QXY
08042030-W7 WA,MT,ID       >CM88 B  K6QXY
08050420 KTVQ  2 MT > LA   1215  T OGLETHO
08051700-W7 UT,MT          >CM88    K6QXY
08081700 W7 AZ             >CM88    K6QXY
08091720 W7 AZ             >CM88    K6QXY
08181700 W7 ID,WA          >CM88    K6QXY
08200200 W7               >CM88    K6QXY
08200212 KRTV  3 MT  110°        T VE7SKA
08200230 KHMT $ 4 MT  100°       T VE7SKA
08200258 KXLF  4 MT  100°        T VE7SKA
08200300 KBCI  2 ID  100°        T VE7SKA
08200326 KUTV $ 2 UT  140°       T VE7SKA
08200349 KNAZ $ 2 AZ  145°       T VE7SKA
08200410 KHMT  4 MT > LA   1184  T OGLETHO
08200410 KTVQ  2 MT > LA   1215  T OGLETHO
08200425 KHMT  4 MT > LA   1376  T OGLETHO
08201520 W7/W0SKC                >CM88 B K6QXY
08270100-W7 OR,WA,MT AURORA  >CM88   K6QXY
09250242 K7NQ   CN87 > DN17 AU  144  N7EIJ
09250247 W7HAH  DN26>CN88 AU  50.062 W VE7SKA
09250249 NN7DX   CN72 > DN17 AU  50  N7EIJ
09250250 K7INU   CN85 > DN17 AU  50  N7EIJ
09250256 K7WIA   CN87 > DN17 AU  50  N7EIJ
09250259 W7HAH 52A             B N7DB
09250300 AA7CQ   CN87 > DN17 AU  50  N7EIJ
09250300+W7WKR            AUR  B N7DB
09250301 KC7JMS  CN96 > DN17 AU  50  N7EIJ
09250305 W7 CN87,DN17 > CN85 AUR 144 W N7DB
09250305 W7NBH   CN96 > DN17 AU  50  N7EIJ
09250306 WX7R    CN85 > DN17 AU  50  N7EIJ
09250307 W7/KD6OSV CN94>CN85 AUR 144 W N7DB
09250308 KC7UTU  CN85 > DN17 AU  50  N7EIJ
09250310 KB7YRL  CN85 > DN17 AU  50  N7EIJ
09250322 N7LT 51A  DN45>CN85 AUR 144 W N7DB
09250328 KB7JAI 59A DN17>CN85 AUR 144 W N7DB
09250339 W7  56A CN96>CN85  AUR 144 W N7DB
09250350 AA7CQ   CN87 > DN17 AU  144  N7EIJ
09250351 NN7DX   CN72 > DN17 AU  144  N7EIJ
09250352 K7NQ 59A CN87>CN85 AUR 144 W N7DB
09250358 W7PUA   CN84 > DN17 AU  144  N7EIJ
09250400 W7SZ    CN85 > DN17 AU  432  N7EIJ
09250400 W7SZ 52A CN85    AUR 432.1 W N7DB
09250402 AB7CE   DN36 > DN17 AU  50  N7EIJ
09250402 N7EIJ 51A DN17>CN85 AUR  50 W N7DB
09250403 K7VYX   DN13 > DN17 AU  50  N7EIJ
09250403 KI7MO   CN87 > DN17 AU  50  N7EIJ
09250403 N7DB CN85>DN17 AU  144 & 50  N7EIJ
09250405 WA7TUE  CN96 > DN17 AU  50  N7EIJ
09250410 K7YO    CN86 > DN17 AU  50  N7EIJ
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09250416 N7LT     DN45 > DN17 AU  144       N7EIJ
09250418 W7  55A  CN85>CN84 AUR 144 W N7DB
09250423 WX7R SILVERTON CN85 50.130      VE7IHL
09250424 WB7QBS CN96         50.130      VE7IHL
09250428 N7EPD  CN87 > DN17 AU  144       N7EIJ
09250430 KD7MW  CN87 > DN17 AU  144       N7EIJ
09250435 K7RAT AURORA>NO. CAL50.135      N6TR
09250500+N7LT DN45>DM79   AUR  144 W N0VSB
09250500+W7 CN85,87,96>DM79 AUR  50 W N0VSB
09250517 K7WOO 51A DM09>CN85 AUR  50 W N7DB
09250532 W7HAH DN28NB>CN87 AU 50.063 B AA7CQ
09250536 W7  CN87>CN85       AUR  50 W N7DB
09250557 WA7TDU 57A CN92>CN85 AUR144 W N7DB
09250604 NN7DX 53A CN72>CN85 AUR  50 W N7DB
09250640 K7XD          > CM88 AU  144       N6YM
09251300 KA7YAO DN46 > DN17 AU  50         N7EIJ
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United States, W8
```
07311958 WJBK   2 MI > LA      904 T OGLETHO
07312015 WNEM   5 MI > LA      943 T OGLETHO
07312128 WBKP   5 MI > LA     1063 T OGLETHO
07312222 WEWS   5 OH > LA      917 T OGLETHO
08010000 WCMH   4 OH > LA      795 T OGLETHO
08041432 WDTV   5 WV > LA      876 T OGLETHO
08050140 WNEM   5 MI > LA      943 T OGLETHO
08050218 WBKP   5 MI > LA     1063 T OGLETHO
08050230 WDIV   2 MI > LA      904 T OGLETHO
08050234 WJBK   2 MI > LA      904 T OGLETHO
08050255 WCMLt  6 MI > LA      PBS T OGLETHO
08050300 WTOM   4 MI > LA     1042 T OGLETHO
08060000~W8 OH          >CM88       K6QXY
08062340 WJBK   2 MI > LA      904 T OGLETHO
08120045 WTOM   4 MI > LA     1042 T OGLETHO
08120100 W8 OH,WV        >CM88       K6QXY
08160020 WJBK- 2 MI Detroit       T WA5IYX
08200148 WDIV   4 MI > LA      904 T OGLETHO
08200155 WJBK- 2 MI > LA       904 T OGLETHO
08200216 WJBK- 2 MI Detroit       T WA5IYX
08200327 WSAZ- 3 WV Huntington    T WA5IYX
09082113 WE8D EN83>DM79   144    W N0VSB
09121818 K8GP  FM08>EN52 WEAK50.145    W9RM
09200121 N8SJN EM79>EM89 599  50.078 B WT8R
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United States, W9
```
07292330~W9 WI        >CM88          K6QXY
07312033 WTMJ   4 WI > LA      801 T OGLETHO
07312048 WBAY   2 WI > LA      892 T OGLETHO
08041240 WBBM   2 IL > LA      737 T OGLETHO
08050130 WBAY   2 WI > LA      892 T OGLETHO
08050305 WBBM   2 IL > LA      737 T OGLETHO
08050306 WTMJ   4 WI > LA      801 T OGLETHO
08150200 W9            >CM88          K6QXY
08160059 WBAY- 2 WI Green Bay     T WA5IYX
08161320 WBAY- 2 WI Green Bay     T WA5IYX
08190030 WBAY  2 WI  strong    311 T MERRILL
08200245 WTMJ  4 WI > LA       801 T OGLETHO
08200327 WBAY- 2 WI Green Bay     T WA5IYX
08200413 WTMJ  2 IN Terre Haute   T WA5IYX
08200437 WBBM- 2 IL Chicago       T WA5IYX
08200444 WISC  3 WI Madison       T WA5IYX
09250619 KF9WM EN70 > FM19  50.130    K3SX
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United States, W0
```
07171630 KWGN   2 CO>IL       811 T ECKBERG
07231502 KWGN   2 CO > LA     806 T OGLETHO
07270315 KQTV   2 MO > LA     513 T OGLETHO
08041429 KGFE   2 ND > LA    1086 T OGLETHO
08041429 KXJB   4 ND > LA    1028 T OGLETHO
08041600 WCCO   4 MN > LA     870 T OGLETHO
08041640 KWSE   4 ND > LA    1206 T OGLETHO
08050025 KGAN   2 IA > LA     672 T OGLETHO
08050210 WCCO   4 MN > LA     870 T OGLETHO
08050340 KTCA   2 MN > LA     869 T OGLETHO
08060000 W0 KS,CO       >CM88        K6QXY
08080018 KOTA  3 SD>B.R. LA  1150 T KRUSEKA
08080030 KGAN  2 IA Cedar Rapids   T WA5IYX
08080158 KOTA- 3 SD Rapid City     T WA5IYX
08081700 W0 CO         >CM88         K6QXY
08100404 KGAN  2 IA Cedar Rapids   T WA5IYX
08100500 W0 SD         >CM88         K6QXY
08110400 W0 CO         >CM88         K6QXY
08112203 KTVI  2 MO St.Louis       T WA5IYX
08120627 KWGN  2 CO > CA           T PIZZI
08121550 KGFE  2 ND > LA      1086 T OGLETHO
08150313 KBME  3 ND > IL           T MERRILL
08150313 KWSE  4 ND > IL           T MERRILL
08150319 KXMA  2 ND > IL           T MERRILL
08160203 KTCA- 2 MN Minneapolis    T WA5IYX
08161213 KUSD- 2 SD Vermillion     T WA5IYX
08161323 KTCA- 2 MN Minneapolis    T WA5IYX
08161328 KUSD- 2 SD Vermillion     T WA5IYX
08161359 KGFE  2 ND Grand Forks    T WA5IYX
08161429 KGAN  2 IA Cedar Rapids   T WA5IYX
08161529 WDAY- 6 ND Fargo          T WA5IYX
08161559 KDLH- 3 MN Duluth         T WA5IYX
08161625 KOTA  3 SD>B.R. LA    940 T KRUSEKA
08161629 KBME  3 ND Bismark        T WA5IYX
08190430 KBJRt 6 MN brief          T MERRILL
08191729 KUSD- 2 SD Vermillion     T WA5IYX
08191758 KTVO  3 MO Kirksville     T WA5IYX
08191759 KGAN  2 IA Cedar Rapids   T WA5IYX
08200135 KGFE  2 ND > LA      1086 T OGLETHO
08200200 W0 CO         >CM88         K6QXY
08200225 KXJB  4 ND > LA      1028 T OGLETHO
08200238 KXMA  2 ND 110°            T VE7SKA
08200259 KWSE  4 ND > LA      1206 T OGLETHO
08200259 KGAN  2 IA Cedar Rapids   T WA5IYX
08200310 KXMA  2 ND > LA      1110 T OGLETHO
08200313 KTVI  2 MO St.Louis       T WA5IYX
08200327 KOAA  5 CO>B.R. LA    940 T KRUSEKA
08200327 KTCA- 2 MN Minneapolis    T WA5IYX
08200335 KCNC  4 CO > LA      806 T OGLETHO
08200335 KWGN  2 CO > LA      806 T OGLETHO
08270100~W0 SD    AURORA    >CM88     K6QXY
09121502 KB0YIA EM47>EM90  50.125    KD4MWO
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09131423+N0EC    DN70 > DM04         W KC6WFS
09250454 K0JY  DM68>CN84 AU 50.135     N0XX
09250500+W0 EN24,04,33>DM79 AUR  50 W N0VSB
09250506 N0VSB 55 DM79>CN85       50 W N7DB
09250514 KB0VMT 51A DN70>CN85 AUR 50 W N7DB
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Reports of Oceania

Australia-New South Wales-VK2
```
09200402 VK2 ch0    > QM05  46.240 V JA1VOK
09200417 VK2QF      > QM05  50.110 C JA1VOK
09200419 VK2QF      > PM74  50.110 S JA3EGE
09252232 VK2BA 59/59 QF69   50.125 S JA1VOK
09252240+VK2QF, VK2HO 59/59 50.180 S JA1VOK
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Australia-Queensland-VK4
```
08251013 VK4TL,VK4AFC > PM96  50.110 S JH1WHS
08251105 VK4RIK      > PM85  52.445 B JE2DWE
08261130 VK4RIK      > QM05  52.445 B JA1VOK
08261139 VK4AFC > PM96 & QM05 50.110 S JA1
08290500 VK4 ch0      > QM05  46.172 V JA1VOK
08290825 VK4GPS,VK4JH> PM74  50.110 H JA3EGE
08290850 VK4PU,VK4JH > PM63  50.160 H JA5CMO
08290855 VK4JSR      > PM74  50.110 S JA3EGE
08301001 VK4TL,VK4APN> QM05  50.110 S JA1VOK
08301007 VK4APN      > PM96  50.120 S JH1WHS
08301012 VK4JH       > QM05  50.110 H JA1VOK
08301100 VK4RIK      > QM05  52.445 B JA1VOK
08311020 VK4TL       > PM85  50.110 H JE2DWE
09020959 VK4ABP      > PM85  52.3465 B JE2DWE
09020959 VK4RIK      > PM85  52.445 B JE2DWE
09021020 VK4BRG,VK4FNQ > PM85 50.110 H JE2DWE
09021049 VK4BRG             50.110   V73AT
09031011 VK4AFC             50.106   V73AT
09031130 VK4RIK      > QM05  52.445 B JA1VOK
09031200 VK4RIK      > QM05  50.110 H JA1VOK
09040845 VK4RIK             52.445 B V73AT
09041016 VK4RIK      > PM85  52.445 B JE2DWE
09050150 VK4 VIDEO   > QM05  46.172 V JA1VOK
09051008 VK4RIK             52.445 B V73AT
09051040 VK4RIK      > PM85  52.445 B JE2DWE
09060310 VK4 ch0 & 0848> QM05 46.172 V JA1VOK
09060944 VK4ABP      > PM85  52.3465 B JE2DWE
09060944 VK4ABP      > QM05  52.3465 B JA1VOK
09060947 VK4 ch0     > QM05  51.672 F JA1VOK
09060958 VK4DUG      > PM74  50.119 S JA3EGE
09061005 VK4DUG      > QM05  50.119 S JA1VOK
09061008 VK4DUG      > PM85  50.119 B JE2DWE
09061008 VK4RIK      > PM85  50.110 H JA1VOK
09061009 VK4RIK      > PM85  52.445 B JA1VOK
09061009 VK4BKS      > PM85  50.110 B JE2DWE
09061017 VK4BKS      > PM85  50.110 H JE2DWE
09061041 VK4RIK      > PM85  52.445 B JA1VOK
09061123 VK4FNQ      > PM85  50.110 H JE2DWE
09062251 VK4APG             50.110   V73AT
09091118 VK4JH       > QM05  50.110 H JA1VOK
09091118 VK4RIK      > QM05  52.445 B JA1VOK
09101008 VK4RIK             52.445 B V73AT
09121007 VK4BLK      > PM63  50.115 H JA5CMO
09130508 VK4DB       > PM74  50.110 C JA3EGE
09130545 VK4BLK      > PM74  50.110 H JF3QJR
09150350 VK4 ch0     > QM05  46.172 V JA1VOK
09150558 VK4ABP      > QM05  52.3465 B JA1VOK
09150622 VK4DB       > QM05  50.140 S JA1VOK
09150628 VK4/VK3YY   > QM05  50.150 S JA1VOK
09150637 VK4/VK3YY   > PM53  50.150 S JA6TEW
09150811 VK4ABP      > QM05  52.3465 B JA1VOK
09150815 VK4 ch0     > QM05  51.672 F JA1VOK
09150818 VK4BLK      > PM74  50.130 S JA3EGE
09150845 VK4TSL      > QM05  50.120 H JA1VOK
09150847 VK4BLK      > QM05  50.130 S JA1VOK
09150906 VK4DHF      > PM96  50.168 S JH1WHS
09150908 VK4DHF      > PM74  50.168 S JA3EGE
09151025 VK4BLK      > PM96  50.130 S JH1WHS
09161025 VK4RIK      > PM85  52.445 B JE2DWE
09180925 VK4RIK             52.445 B V73AT
09181026 VK4RIK      > PM85  52.445 B JE2DWE
09190929 VK4RIK             52.445 B V73AT
09191105 VK4ABP      > QM05  52.346 B JA1VOK
09191105 VK4APN      > QM05  50.110 H JA1VOK
09191105 VK4RIK      > QM05  52.445 B JA1VOK
09191202 VK4DHF      > QM05  50.115 S JA1VOK
09200228 VK4 ch0     > QM05  46.172 V JA1VOK
09200439 VK4BLK > PM85&QM05  50.110 H JA1,2
09200450 VK4ABP      > QM05  52.3465 B JA1VOK
09200450 VK4JSR      > PM53  50.110 S JA6TEW
09200452 VK4ABP      > QM05  52.3465 B JE2DWE
09200452 VK4BLK,VK4GPS > PM53 50.120 S JA6TEW
09200506 VK4KK       > QM05  50.110 H JE2DWE
09200947 VK4RIK      > PM85  52.445 B JE2DWE
09201010 VK4ABP      > QM05  52.3465 B JA1VOK
09201010 VK4RIK      > QM05  52.445 B JA1VOK
09201020 VK4JH       > QM05  50.090 H JA1VOK
09201027 VK4JH       > PM75  50.120 H JL4GTO
09201040 VK4ABP      > PM85  52.3465 B JE2DWE
09230350 VK4 ch0     > QM05  46.172 V JA1VOK
09231011 VK4RIK             52.445 B V73AT
09252240+VK4 TV SOUND S9++   51.672 F JA1VOK
09252240+VK4JSR, VK4GPS 59/59 50.130 S JA1VOK
09252240+VK4KK 59/59         50.180 S JA1VOK
09252240+VK4RGG 599+, VK4ABP        B JA1VOK
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South Australia-VK5
```
09200420 VK5BC       > QM05  50.110 S JA1VOK
09200425 VK5BC       > PM85  50.110 H JE2DWE
09200430 VK5BC       > PM74  50.110 S JA3EGE
09250759 VK5AYD      > PM74  50.110 S JA3EGE
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West Australia-VK6
```
08261135 VK6JQ       > QM05  50.100 H JA1VOK
08290950 VK6AO/5     > PM95  50.175 H JE1TGH
08301012 VK6JQ       > QM05  50.099 H JA1VOK
08311023 VK6JQ       > PM85  50.100 H JE2DWE
09020959 VK6JQ       > PM85  50.100 H JE2DWE
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09051137 VK6JQ 579 BILL BROOM 50.098 C JA3EGE
09090946 VK6JQ   CW CQ        50.100   JF5NTT
09100902 VK6APZ                50.487   DJ4AX
09100955 VK6JQ                50.100 C JF5NTT
09111014 VK6JQ       > PM85  50.100 H JE2DWE
09120952 VK6JQ       > PM74  50.100 H JA3EGE
09141123 VK6JQ       > PM85  50.100 H JA1VOK
09171135 VK6JQ       > PM85  50.100 H JE2DWE
09190745 VK6JQ       > QM05  50.100 H JA1VOK
09190747 VK6JQ                50.100   JA3FYC
09200556 VK6AOM OG80 > PM75  50.125 S JA3JTG
09200600 VK6AOM      > PM74  50.125 S JA3EGE
09200602 VK6RPH      > PM53  50.066 B JA6TEW
09200603 VK6AOM      > PM63  50.125 S JA5CMO
09200616 VK6AOM      > QM05  50.125 S JA1VOK
09200617 VK6AOM      > PM85  50.125 S JE2DWE
09200715 VK6AOM      > PM75  50.115 H JL4GTO
09210604 VK6AOM      > PM96  50.120 H JH0MHE
09230532 VK6RPH      > PM75  50.066 B JL4GTO
09230538 VK6AOM      > PM74  50.110 H JA3EGE
09231150 VK6JQ       > QM05  50.112 H JA1VOK
```

Australia-Tasmania-VK7
```
09200428 VK7JG       > PM74  50.110 S JA3EGE
09200455 VK7JG  53 QSB        50.110   JA3EGE
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Australia-Northern Terr.
```
08261126 VK8AH       > PM96  50.130 S JH1WHS
08261130 VK8RAS      > QM05  50.0465 B JA1VOK
08261130 VK8VF       > QM05  50.057 B JA1VOK
08261135 VK8AH       > QM05  50.130 H JA1VOK
08301032 VK8AH       > QM05  50.110 H JA1VOK
08301100 VK8VF       > QM05  50.057 B JA1VOK
08301120 VK8MS       > PM53  50.145 S JA6TEW
08301125 VK8AH       > PM53  50.145 H JA1VOK
08301126 VK8AH       > PM53  50.135 S JA6TEW
08301129 VK8MS       > PM74  50.145 S JA3EGE
08301132 VK8MS       > PM75  50.145 S JA3JTG
08301135 VK8AH       > PM75  50.135 H JA3JTG
09021027 VK8VF       > PM85  50.057 B JE2DWE
09021050 VK8VF       > QM05  50.057 B JA1VOK
09030930 VK8VF                50.057 B V73AT
09031130 VK8VF       > QM05  50.057 B JA1VOK
09031135 VK8AH       > QM05  50.130 H JA1VOK
09040158 VK8VF 319-419 TEP  144.48 B JH4JPO
09040829 VK8VF       > PM85  50.057 B JE2DWE
09041058 VK8VF       > PM64  144.480 B JH4JPO
09050310 VK8VF PH57  549      50.057 B WH6O
09051052 VK8VF       > PM85  50.057 B JE2DWE
09051120 VK8VF       > QM05  50.057 B JA1VOK
09051150 VK8KTC      > PM85  50.110 H JE2DWE
09051154 VK8KTC      > PM53  50.120 S JA6TEW
09060947 VK8RAS             50.0465 C JA1VOK
09061040 VK8VF       > QM05  50.057 B JA1VOK
09061042 VK8VF       > PM85  50.057 B JE2DWE
09061126 VK8KTC      > PM85  50.110 H JE2DWE
09061128 VK8KTC      > QM05  50.130 H JA1VOK
09062251 VK8VF                50.057 B V73AT
09091024 VK8VF  PH57>RJ38 529 50.057 B V73AT
09101218 VK8VF       > PM85  50.057 B JE2DWE
09101220 VK8VF       > QM05  50.057 B JA1VOK
09110320 VK8MS  52 QSB        50.110   WH6O
09111125 VK8AH       > PL36  50.110 H 7J6CCU
09111150 VK8AH       > QM05  50.130 H JA1VOK
09111150 VK8VF       > QM05  50.057 B JA1VOK
09111208 VK8VF       > PM85  50.057 B JE2DWE
09120254 VK8RH ALSO WH6O      50.140   WH6YK
09120957 VK8RAS      > PM74  50.0465 B JA3EGE
09121107 VK8KTC              50.130   JG2MLI
09141111 VK8VF       > PM85  50.057 B JE2DWE
09141120 VK8VF       > QM05  50.057 B JA1VOK
09141129 VK8MS       > QM05  50.110 H JA1VOK
09141130 VK8MS       > PM53  50.150 S JA6RJK
09141214 VK8AH       > QM05  50.110 H JA1VOK
09141218 VK8AH       > PM85  50.130 H JE2DWE
09150530 VK8RAS      > QM05  50.0465 B JA1VOK
09150811 VK8RAS      > QM05  50.0465 B JA1VOK
09151020 VK8VF       > QM05  50.057 B JA1VOK
09161025 VK8VF       > PM85  50.057 B JE2DWE
09161055 VK8VF       > QM05  50.057 B JA1VOK
09171020 VK8VF       > PM85  50.057 B JE2DWE
09171200 VK8VF       > QM05  50.057 B JA1VOK
09180925 VK8VF PH57>RJ38      50.057 B V73AT
09181026 VK8VF       > QM05  50.057 B JE2DWE
09181200 VK8KTC      > PM85  50.110 H JE2DWE
09181205 VK8MS       > PM85  50.110 H JE2DWE
09190929 VK8VF                50.057 B V73AT
09191020 VK8VF       > QM05  50.057 B JA1VOK
09191025 VK8AH       > QM05  50.110 H JA1VOK
09191105 VK8VF                50.056 B JF2WXS
09191117 VK8RAS      > QM05  50.0465 B JA1VOK
09200420 VK8RAS      > QM05  50.0465 B JA1VOK
09200452 VK8RAS      > PM85  50.0465 B JE2DWE
09201000 VK8VF                50.057 B JA1VOK
09201015 VK8RAS      > QM05  50.0465 B JA1VOK
09201017 VK8VF       > PM75  50.057 B JL4GTO
09201036 VK8KTC      > PM75  50.120 H JL4GTO
09201038 VK8RAS      > PM75  50.0465 B JL4GTO
09201040 VK8VF       > PM85  50.057 B JE2DWE
09201110 VK8KTC      > PM85  50.130 H JE2DWE
09201110 VK8KTC      > QM05  50.110 H JA1VOK
09211050 VK8KTC      > QM05  50.0465 B JA1VOK
09211050 VK8VF       > QM05  50.057 B JA1VOK
09211050 VK8RH       > QM05  50.110 H JA1VOK
09231030 VK8RAS      > QM05  50.0465 B JA1VOK
09231105 VK8VF       > PM85  50.057 B JE2DWE
09250817 VK8RAS      > PM74  50.0465 B JA3EGE
09251039 VK8VF                50.057 B V73AT
```

Australia-VK9-Lord Howe Is.
```
09252240 VK9LHQ 59/59         50.153 S JA1VOK
```

GUAM
```
09031240 KH2D       > PM63  50.110 H JA5CMO
```

```
09051111 NH2C              50.110      V73AT
09051149 KH2D   599        50.110      V73AT
09060805 NH2C        > QM05 50.130 S JA1VOK
09060831 NH2C        > PM85 50.130 S JE2DWE
09060845 NH2C        > PM53 50.130 S JA6TEW
09110834 KH2EI       > PM63 50.110 S JA5CMO
09110834 KH2EI       > PM85 50.110 H JE2DWE
09251110 KH2/K4SXT   > PM74 50.110 C JA3EGE
09251128 KH2/K4SXT   > PM96 50.110 C JHOMHE
```

HAWAIIAN IS.

```
07300200 KH6HME   TROPO          144.17 B K6QXY
08010500 KH6HME   TROPO  144.17/432 B K6QXY
08021600 KH6HME   TROPO  144.17/432 B K6QXY
08021900 KH6HME -51 TROPO        1296 B K6QXY
08030000 KH6HME -51 TROPO 144.17/432 B K6QXY
08031500 KH6HME   TROPO         144.17 B K6QXY
08040000 KH6HME   TROPO  144.17/432 B K6QXY
08041600 KH6HME   TROPO         144.17 B K6QXY
08042000 KH6HME S1-5 TROPO        432 B K6QXY
08050530 KH6HME   WEAK TROPO 144.17 B K6QXY
08051500 KH6HME   WEAK TROPO 144.17 B K6QXY
08110500 KH6HME   Es                B K6QXY
08110515 KH7R 59+        BL01  >CM88 S K6QXY
08111830 KH6CC          WEAK  >CM88 H K6QXY
08300502 KHON   2 HI -1009  55.26 V ZK1AA
08310622 KHON   2 HI -1135  55.26 V ZK1AA
08311218 KHON   2 HI -1618 x s/off V ZK1AA
09020522 KHON   2 HI -1122  55.26 V ZK1AA
09020539 KH7L            50.110     V73AT
09021111 KH6HI  559      50.065 B V73AT
09040518 KHON   2 HI -1431 in/out V ZK1AA
09040817 KH7R           50.110     V73AT
09050357 KH6HI          50.065 B V73AT
09050434 KHON   2 HI -1152 in/out V ZK1AA
09070148 KH6HME +43.2MHz PAGER 50.061 B V73AT
09070610 KHON   2 HI -0946     V ZK1AA
09080529 KH6HME BL01>RJ38   50.062   V73AT
09080640 KFVE   5 HI Honolulu 77.25 V ZK1AA
09080640 KGMV   3 HI Wailuku  61.25 V ZK1AA
09080640 KH6HME HI          50.061 B ZK1AA
09080640 KHBC   2 HI Hilo    55.25 V ZK1AA
09080640 KHON   2 HI -1025   55.26 V ZK1AA
09080640 KITV   4 HI Honolulu 67.24 V ZK1AA
09090555 WH6XM  BK29>RJ38   50.110   V73AT
09090625 KH6HME HI & TV to ch5 B ZK1AA
09090625 KHON   2 HI -1230  55.26 V ZK1AA
09100715 KH6HME HI & TV to ch5 B ZK1AA
09100715 KHON   2 HI -1210 1440-1540 V ZK1AA
09101008 KH7R   59+         50.110   V73AT
09110635 KHON   2 HI -1155 1440-1550 V ZK1AA
09120526 KHON   WEAK        50.061 B V73AT
09120723 KH6HME HI & TV to ch 5 B ZK1AA
09120725 KHON   2 HI -0955  55.26 V ZK1AA
09130530 KH6HME HI & TV to ch 5 B ZK1AA
09130530 KHON   2 HI -1045 1230-1310 V ZK1AA
09131538 KHON   2 HI -1638  55.26 V ZK1AA
09140543 KH6HME HI & TV to ch 5 B ZK1AA
09140543 KHON   2 HI -1038  55.26 V ZK1AA
09160630 KH6HME HI & TV to ch 5 B ZK1AA
09160630 KHON   2 HI -1120  55.26 V ZK1AA
09170620 KH6HME HI & TV to ch 5 B ZK1AA
09170620 KHON   2 HI -1020  55.26 V ZK1AA
09180700 KH6HME HI & TV to ch 5 B ZK1AA
09180700 KHON   2 HI -1010 1220-1300 V ZK1AA
09190600 KH6HME HI & TV to ch 5 B ZK1AA
09190600 KHON   2 HI -1040  55.26 V ZK1AA
09190932 KH7R   BL01>RJ38   50.110   V73AT
09200605 KH6HME HI & TV to ch 5 B ZK1AA
09200605 KHON   2 HI -1125  55.26 V ZK1AA
09210656 KH6HME HI & TV to ch 5 B ZK1AA
09210656 KHON   2 HI -1125 1220-1500 V ZK1AA
09220630 KH6HME HI & TV to ch 5 B ZK1AA
09220630 KHON   2 HI -1105  V ZK1AA
09230600 KH6HME HI & TV to ch 5 B ZK1AA
09230600 KHON   2 HI -1030  55.26 V ZK1AA
09230957 KH6HME, KH6HI 50.062,50.065 B V73AT
09240550 KH6HME HI & TV to ch 5 B ZK1AA
09240550 KHON   2 HI -0945  55.26 V ZK1AA
09250540 KH6HME HI & TV to ch 5 B ZK1AA
09250540 KHON   2 HI -to cd  55.26 V ZK1AA
09250715 KH6HME HI & TV to ch 5 B ZK1AA
09250715 KHON   2 HI -1215 1405-1635 V ZK1AA
```

INDONESIA

```
09021013 YB0ARA/9          50.110     V73AT
09021156 YB0ARA/9   > PM74 50.110 C JA3EGE
09021156 YB0ARA/9 579      50.109   JA3EGE
09030930 YB0ARA/9          50.110     V73AT
09031155 YB0ARA/9   > PM63 50.105 S JA5CMO
09040816 YB0ARA/9   > PM85 50.110 H JE2DWE
09040914 YB0ARA/9          50.110     V73AT
09051111 YB0ARA/9          50.104     V73AT
09051120 YB0ARA/9   > PM75 50.104 C JA3JTG
09051126 YB0ARA/9   > QM05 50.104 C JA1VOK
09051135 YB0ARA/9 CW 579   50.104   JA3EGE
09061050 YB0ARA/9   > PM85 50.105 C JE2DWE
09061054 YB0ARA/9   > QM05 50.105 H JA1VOK
09091023 YB0ARA/9 PI85>RJ38 589 .110 V73AT
09180945 YB0ARA/9 PI85>RJ38 57 .110 V73AT
09181116 YB0ARA/9   > PM85 50.110 H JE2DWE
09191036 YB0ARA/9   > QM05 50.110 H JA1VOK
09201023 YB0ARA/9   > PM75 50.105 H JL4GTO
09231450 YC0UVO    > PL36 50.110 S JR6VSP
09231452 YC0UVO    > PL36 50.110 S JR6HI
09251039 YB0ARA/9 PI85>RJ38 50.110 V73AT
09251116 YB0ARA/9   > PM74 50.110 C JA3EGE
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MARIANAS IS. (SAIPAN)

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09051144 KH0U           50.110     V73AT
```

MARSHALL IS.

```
08110511 V73AT 56  >CH88      S K6QXY
08300645 V73AT     > PL36 50.110 C 7J6CCU
09050738 V73AT     > QM05 50.110 H JA1VOK
09050922 V73AT     > PM08 50.105 C JA7QVI
09060737 V73AT     > QM08 50.105 C JA1VOK
09060742 V73AT     > QM05 50.105 C JA1VOK
09080635 V73SIX RJ39 ROI NAMUR 50.006 B KH7R
09080741 V73AT     > PM85 50.110 H JE2DWE
09090630 V73AT     > PM63 50.110 S JA5CMO
09090813 V73AT     > PM95 50.105 S JE1TGN
09150509 V73AT     > QM05 50.110 C JA6RJK
09150548 V73AT TIM QSL V K2CL 50.130 JA2TBS
09150558 V73AT     > QM05 50.130 H JA1VOK
09150610 V73AT     > PM53 50.130 S JA6RJK
09150614 V73AT     > PM53 50.130 S JA6TEW
09150617 V73AT     > PM95 50.130 S JE1TGN
09230601 V73AT     > PM74 50.105 H JA3EGE
09251027 V73AT     > PL36 50.110 C 7J6CCU
09251100 V73SIX    > PM74 50.014 B JA3EGE
09251145 V73AT     > PM96 50.105 C JHOMHE
09251209 V73AT     > QM05 50.105 H JA1VOK
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MICRONESIA (FEDERATION OF)

```
09060804 V63KA RJ15 > QM05 50.120 S JA1VOK
09060816 V63MC RJ15 > QM05 50.120 S JA1VOK
09080720 V63KA      > PM85 50.120 H JE2DWE
09090728 V63AO RJ15 > PM63 50.120 S JA5CMO
09090747 V63AO      > PM95 50.120 S JE1TGN
09150624 V63CP RJ15 > QM05 50.120 S JA1VOK
09150626 V63CP SSB RS 59   50.119   JA3EGE
09150634 V63CV      > PM53 50.120 S JA6TEW
09150643 V63CV RJ15 > PM94 50.120 S JH2COE
09150647 V63CV      > PM96 50.120 S JHOMHE
09150649 V63CV      > PM86 50.120 S JA9CGR
09150653 V63CV      > QM05 50.120 S JA1VOK
```

OGASAWARA IS.

```
09020258 JD1/JA1RJU (O) >PM85 50.110 S JE2DWE
```

PAPUA/NEW GUINEA

```
09201006 P29KFS    > PM75 50.110 S JL4GTO
09201008 P29KFS    > QM05 50.110 H JA1VOK
09201107 P29KFS    > PM53 50.106 S JA6TEW
09201110 P29KFS    > PM85 50.106 S JE2DWE
09231115 P29KFS    > QM05 50.110 H JA1VOK
09231117 P29KFS    > PL36 50.110 S JR6VSP
```

PHILIPPINES

```
09041240 DU7/N7ET  > PM96 50.101 C JHOMHE
09060848 DU7/N7ET  > QM05 50.110 H JA1VOK
09091000 DU7/N7ET         50.105   JF5NTT
09120804 DU7/N7ET         50.104   JA3DY
09191328 DU7/N7ET         50.080   JF3MYA
09191330 DU  ch2 S9+ > QM05 55.250 V JA1VOK
09191330 DU7/N7ET  > QM05 50.080 H JA1VOK
09200800 DU7/N7ET  > PM75 50.074 H JL4GTO
09200900 DU100GF   > PM74 50.105 S JA3EGE
09200905 DU100GF   > PM75 50.105 H JL4GTO
09200905 DU100GF   > PM85 50.105 H JE2DWE
09200915 DU100GF   > QM05 50.105 H JA1VOK
09230810 DU100GF   > PM74 50.125 S JA3EGE
09230813 DU100GF   > PM75 50.125 S JL4GTO
```

SABAH, MALAYSIA

```
09150752 9M6 ch2 > QM05 53.74/53.76 F JA1VOK
09200500 9M6 ch2 > QM05 53.74/53.76 F JA1VOK
```

SAMOA, WESTERN

```
09030930 5W1SA    > PL36 50.110 H JR6GV
09040928 5W1SA           50.110    V73AT
09061003 5W1SA    > PL36 50.109 C JR6VSP
09061017 5W1SA    > PL36 50.109 C 7J6CCU
```

Reports of S. America

ARGENTINA

```
08151700 LU  VY WEAK GF05>JO65    H SM7AED
08151702 LU8DIO  GF05               SM7FJE
08151707 LW5DX, LU6DRV GF05         SM7FJE
08151711 LW5EJU, LW5EJQ GF05        SM7FJE
09032223 LU4HO  51 EDUARDO ES 50.110 LW5EJU
09081935 LU5EGL 55 MAR DE PLATA>FK68 S WP4O
09101903 LU5JAU 57 DANIEL   50.110 LW5EJU
09110007 LU2EGQ,LU8AHW,LW4HBN <0033 W WP4O
09110007+LU8MBL,LU3HBO >FK68  <0033 W WP4O
09132141 LU3DEK B.A. > FK68 50.125 W WP4O
09132225 LU1DVT,LW7DQE > FK68       W WP4O
09132228-LW4DIR        > FK68       W WP4O
09132242 LU2DEK                     W N5WS
09142044+LU       -2125 > FK68      W WP4O
09150022-LU2DEK, LW5DX > FK68       W WP4O
09160302 LU9EHF            50.110   YV6DBX
09160308 LU3DL             50.116   PP5JD
09170148 LU9EHF/B S1/2             B HP3XUG
09170205 LU2DEK GF02  Tandil 50.110 S HP3XUG
09170217 LU9EHF FF95fd Lincoln 50.120 S HP3XUG
09170233 LU8MBL FF97  Mendosa 50.120 S HP3XUG
09170237 LU2MHP FF57  Mendoza 50.120 S HP3XUG
09170242 LU8MAJ FF57  Mendoza 50.120 S HP3XUG
09170257 LU9EHF/B S1/2             B HP3XUG
09170330 LU9EHF/B S0/1             B HP3XUG
09170330 LW5EJU S0/1       50.090 W HP3XUG
09172206 LU9EHF FF95>EM00  50.110   W5OSI
09180213 LU9EHF S0/1                B HP3XUG
09180256 LU8EGB S1/2 CLG CQ 50.110  HP3XUG
09182149 LU3VAO            50.110   N5JHV
09192120+LU9AEA,LU8DIO,LU3VAO 50.110 W WB2QLP/4
09192200+LU3EMK,LW5EJU > EL96 50.110 W WB2QLP/4
09192126 LU3VAO  55  >EL96DE 50.110 WB2QLP/4
09192217 LU3EMK GF05HP>EL96DE 50.110 WB2QLP/4
09192218 LW5EJU GF05HP>EL96DE 50.110 WB2QLP/4
09200039 LU9EHF LUIS       50.110   KP3A
09200045 LU8AHW HECTOR GF05 50.110  KP3A
09200102 LW4HBN JOSÉ      50.110   KP3A
09200103 LW6DIP MARIO     50.110   KP3A
09200107 LW5EJU NESTOR    50.130   KP3A
09200124 LW5EJU SSTV      50.140   KP3A
09202059 LW5EJU 52        50.110 W W5UWB
09202102 LU4EJ,LU0EHF 59,55 50.110 W W5UWB
09202136 LU5VV,LU3EMK 53,52 50.110 W W5UWB
09202157 LW5EJU   >EL87RH 50.125 W KD4ESV
09232154 LU5YAR WEAK      50.110   N5JHV
09232203 LW5DX  >EM10     50.102   W6JKV
09240211 LU8MAJ           50.115   TG9SO
09240248 LU7FA  S7> DM03  50.109   N6CA
09242012 LW5DX  >EM10     50.110   W6JKV
09252119 LU1VK  >EM10 TEXAS 50.110 W6JKV
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BRAZIL

```
08132001 PY5CC  GG54               SM7FJE
08232041 PY5CC  44 -2045   >IO80JV H G4UPS
08292115 PY2AA   59       50.059 B LW5EJU
08292117 PY2SR   57  SAM  50.110   LW5EJU
08292119 PY2EX/M 51       50.110   LW5EJU
08292217 PY5CC   59+ PITER 50.110  LW5EJU
08292220 PP5JD   57  JAIME 50.110  LW5EJU
08302010 PP5WL   GG54              SM7FJE
08302013 PY5CC   GG54              SM7FJE
08302051 PY5CC 44        >IO80JV H G4UPS
09082018 PY5CC 41 QSB CQ  50.110   DL2GBT
09082046 PP1CE GG99>JN48 57 50.112 DL2GBT
09110056 PY2XB >FK68      50.110 C WP4O
09150023-PY5CC          > FK68     W WP4O
09150049 PY5CC           50.110   YV6DBX
09152217 PY1LB BOA SORTE 50.115   PP5JD
09160036 PP7XE 56        50.120   PP1CE
09160223 PP7XE           50.115   PP5JD
09160307 PY9MT           50.110   PP5JD
09170148 PY2AA/B S0/1; PY1AA/B S0  B HP3XUG
09170148 PY2SFY S0                 B HP3XUG
09170225 PY2SSB GG57rr Jau 50.120 S HP3XUG
09170245 PY2HDY GG67     50.120 S HP3XUG
09170250 PP8KWA FI96xuAmazonas 50.120 S HP3XUG
09170257 PY2AA/B S1/2 , PY2SFY    B HP3XUG
09170330 PY1AA/B S0               B HP3XUG
09170330 PY2SFY/B S0/1            B HP3XUG
09180213 PP1CE S1/2 CLG CQ 50.110  HP3XUG
09180213 PY5CC  S1/2 WKG KH6IAA .110 H HP3XUG
09180256 PP5JD  CLG CQ     50.116  HP3XUG
09212108 PY5CC  CQ 59+ IM86 50.110 EB7NK
09212214 PP1CE           50.110   EB7NK
09232201 PU2MNU          50.110   EA7KW
09232212 PY2YD CQ        50.110   EA7KW
09232208 PY2WBC WITH EH7CD 55 50.112 EA7KW
09232215 PY2XB           50.110   EA7KW
09232218 PY5CC CQ 59++   50.120   EA7KW
09232236 PP1CE 59+       50.115   EA7KW
09232244 PY2XB           50.120   EB7NK
09232245 PY5CC 59+       50.105   EA7KW
09232246 PY2PA           50.140   EA7KW
09232251 PT7NK           50.115   PP1CE
09232329 PY2XB           50.110   EA7CJY
09240042 PS8DX 1ST PS8   50.115   PP1CE
09251946 PY5CC  >EM10    50.105   W6JKV
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CHILE

```
09022117 CE MUSIC > EM10   47.90 F W6JKV
09062229 CE MUSIC S5       47.9 F N5JHV
09230153 CE3BFE >EM10     50.110   W6JKV
09230223 CE3BFE >EL29 +LU 50.110 WB5HJV
09232028 CE MUSIC > EM00 UP TO 49.2 F W5OSI
09241848 CE MUSIC > EM10   F W6JKV
09251939 CE MUSIC > EM10 48.2/48.30 F W6JKV
```

ECUADOR

```
09202131 HC2FG 59 >EL17AX 50.115 S W5UWB
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FERNANDO DE NORONHA

```
09042240 PY0FF           50.110   PY5CC
09042311 PY0FF +PY7EE+PY2XB 50.124 PY5CC
09102215 PY0FF 57        50.115   PP1CE
09102224 PY0FF           50.115   PP1CE
09162225 PY0FF           50.125   PP5JD
09162240 PY0FF           50.115   PY2BQ
09170102 PY0FF           50.097   PP5JD
```

PARAGUAY

```
08081653 ZP6CW  59       50.110 S LW5DX
08302005 ZP1HW?? GG??           SM7FJE
09110055 ZP6CW >FK68     50.110 C WP4O
09150020 ZP6CW    > FK68        W WP4O
09170257 ZP5AA/B GG14 S1/2 50.024 B HP3XUG
09170330 ZP5AA/B S0/1           B HP3XUG
09180213 ZP5AA S0              B HP3XUG
09200050 ZP9DM OSCAR     50.115   KP3A
09200053 ZP6CW DOUG      50.110   KP3A
09232226 ZP9DM CQ        50.115   EA7KW
09232240 ZP5AA? VY WEAK  50.024   EA7KW
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URUGUAY

```
09072108 CX4AAJ GF15>EL09 LUIS .110 N5WS
09101900 CX4II  57 LEONARDO 50.110 LW5EJU
09132207 CX3AN, CX4AAJ > FK68   W WP4O
09132209 CX6BV, CX2AM > FK68    W WP4O
09132227-CX1AO          > FK68  W WP4O
09132229-CX9DK, CX9AF, CX2AAL > FK68 W WP4O
09132232-CX3BBX, CX3ET > FK68   W WP4O
09142044+CX6BV    -2125 > FK68  W WP4O
09150021-CX2IY          > FK68  W WP4O
09200037 CX7IY  FERNANDO  50.110   KP3A
09200038 CX3IN  CARLOS    50.110   KP3A
```

VENEZUELA

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09110030 YV4AB 53        50.025 B LW5EJU
09110031 YV4YC 57 FK60FE VEN 50.120 LW5EJU
```